

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
 Data File : BF104954.D
 Acq On : 1 May 2018 1:40
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: May 01 02:09:21 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 30 15:20:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	111496	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	457354	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	198878	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	316926	20.00	ng	0.00
75) Chrysene-d12	13.97	240	216401	20.00	ng	0.00
86) Perylene-d12	15.43	264	181518	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	516685	70.86	ng	0.00
7) Phenol-d6	6.43	99	636919	71.09	ng	0.00
23) Nitrobenzene-d5	7.36	82	563038	80.39	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	138245	67.01	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	986602	78.37	ng	0.00
78) Terphenyl-d14	12.90	244	726798	76.57	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	111803	32.906	ng	# 86
3) Pyridine	3.19	79	310617	32.516	ng	86
4) n-Nitrosodimethylamine	3.17	42	103803	31.085	ng	# 81
6) Aniline	6.46	93	413517	33.221	ng	98
8) 2-Chlorophenol	6.58	128	285599	37.109	ng	91
9) Benzaldehyde	6.35	77	158111	32.898	ng	93
10) Phenol	6.45	94	348993	36.712	ng	# 66
11) bis(2-Chloroethyl)ether	6.53	93	268608	35.409	ng	94
12) 1,3-Dichlorobenzene	6.73	146	325097	37.286	ng	99
13) 1,4-Dichlorobenzene	6.81	146	327392	37.669	ng	98
14) 1,2-Dichlorobenzene	6.96	146	301894	37.482	ng	98
15) Benzyl Alcohol	6.94	79	228587	33.592	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	314154	30.837	ng	79
17) 2-Methylphenol	7.05	107	240948	36.016	ng	96
18) Hexachloroethane	7.30	117	99869	32.228	ng	99
19) n-Nitroso-di-n-propylamine	7.21	70	183430	31.331	ng	94
20) 3+4-Methylphenols	7.21	107	295131	35.570	ng	# 69
22) Acetophenone	7.20	105	397215	35.277	ng	99
24) Nitrobenzene	7.38	77	295136	38.166	ng	97
25) Isophorone	7.62	82	496303	33.509	ng	99
26) 2-Nitrophenol	7.70	139	139048	44.169	ng	# 87
27) 2,4-Dimethylphenol	7.73	122	217696	33.304	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	316771	34.980	ng	99
29) 2,4-Dichlorophenol	7.94	162	228600	36.653	ng	100
30) 1,2,4-Trichlorobenzene	8.02	180	255799	37.372	ng	99
31) Naphthalene	8.10	128	815494	35.808	ng	99
32) Benzoic acid	7.86	122	115403	22.127	ng	94
33) 4-Chloroaniline	8.15	127	350152	35.888	ng	98
34) Hexachlorobutadiene	8.21	225	142759	38.078	ng	98
35) Caprolactam	8.53	113	72084	33.131	ng	# 79
36) 4-Chloro-3-methylphenol	8.64	107	235347	35.191	ng	98
37) 2-Methylnaphthalene	8.79	142	525354	35.663	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	233009	40.929	ng	98
40) Hexachlorocyclopentadiene	8.93	237	9074	2.847	ng	95

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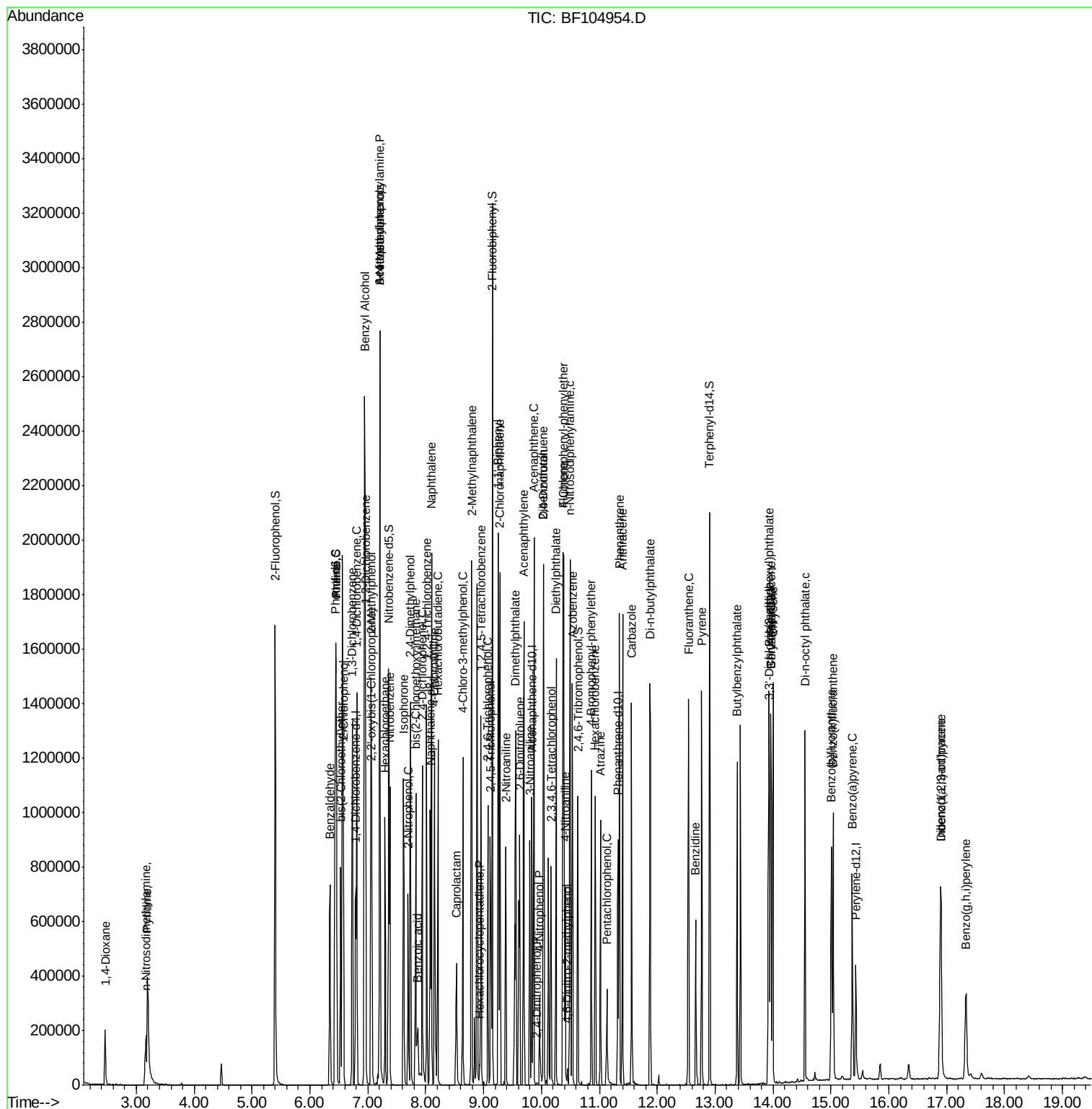
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	146557	37.084	nq	99
43) 2,4,5-Trichlorophenol	9.12	196	165508	37.425	nq	93
45) 1,1'-Biphenyl	9.25	154	639277	38.264	nq	99
46) 2-Chloronaphthalene	9.28	162	501834	38.028	nq	99
47) 2-Nitroaniline	9.38	65	147018	45.049	nq	99
48) Acenaphthylene	9.70	152	743704	35.919	nq	100
49) Dimethylphthalate	9.55	163	603898	38.506	nq	100
50) 2,6-Dinitrotoluene	9.63	165	122399	42.178	nq #	82
51) Acenaphthene	9.87	154	436699	34.569	nq	100
52) 3-Nitroaniline	9.80	138	146898	43.239	nq	96
53) 2,4-Dinitrophenol	9.92	184	2491	8.215	nq #	16
54) Dibenzofuran	10.04	168	611349	34.726	nq	99
55) 4-Nitrophenol	9.97	139	68531	25.679	nq	92
56) 2,4-Dinitrotoluene	10.03	165	142744	37.499	nq #	96
57) Fluorene	10.38	166	486443	37.961	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	102848	31.172	nq	95
59) Diethylphthalate	10.25	149	569241	36.445	nq	98
60) 4-Chlorophenyl-phenylether	10.37	204	234592	41.107	nq	98
61) 4-Nitroaniline	10.41	138	138642	41.737	nq	97
62) Azobenzene	10.53	77	467482	31.327	nq	93
64) 4,6-Dinitro-2-methylphenol	10.45	198	9324	12.463	nq #	80
65) n-Nitrosodiphenylamine	10.49	169	441269	40.157	nq	99
66) 4-Bromophenyl-phenylether	10.86	248	136682	40.546	nq	90
67) Hexachlorobenzene	10.93	284	147434	38.868	nq #	86
68) Atrazine	11.02	200	118139	35.618	nq	99
69) Pentachlorophenol	11.13	266	49754	21.202	nq	97
70) Phenanthrene	11.35	178	628662	35.619	nq	99
71) Anthracene	11.40	178	634111	35.345	nq	99
72) Carbazole	11.56	167	576511	32.885	nq	99
73) Di-n-butylphthalate	11.87	149	804444	37.564	nq	100
74) Fluoranthene	12.54	202	567766	30.790	nq	96
76) Benzidine	12.66	184	242151	30.797	nq	98
77) Pyrene	12.77	202	577666	36.013	nq	98
79) Butylbenzylphthalate	13.38	149	283566	37.524	nq	93
80) Benzo(a)anthracene	13.96	228	504356	39.013	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	184013	38.175	nq	98
82) Chrysene	14.00	228	478610	36.042	nq	98
83) Bis(2-ethylhexyl)phthalate	13.93	149	393520	40.486	nq	99
84) Di-n-octyl phthalate	14.55	149	609576	37.532	nq #	94
85) Indeno(1,2,3-cd)pyrene	16.89	276	351160	31.130	nq	96
87) Benzo(b)fluoranthene	15.01	252	431139	37.607	nq	99
88) Benzo(k)fluoranthene	15.04	252	418249	38.643	nq	96
89) Benzo(a)pyrene	15.37	252	378130	36.863	nq	98
90) Dibenzo(a,h)anthracene	16.90	278	299487	35.549	nq	96
91) Benzo(g,h,i)perylene	17.33	276	278786	34.156	nq	98

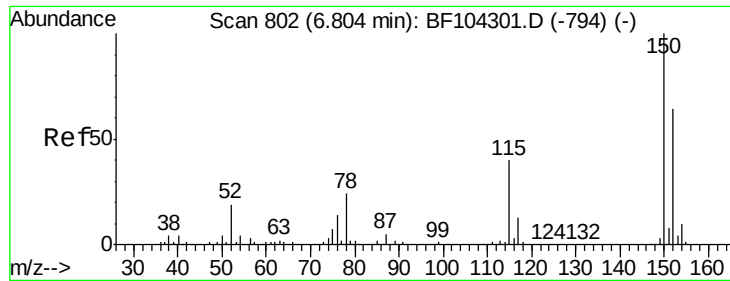
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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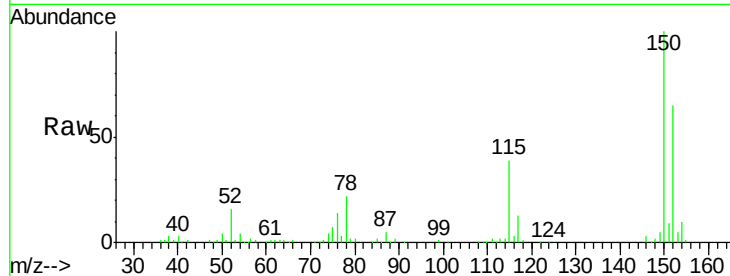


#1

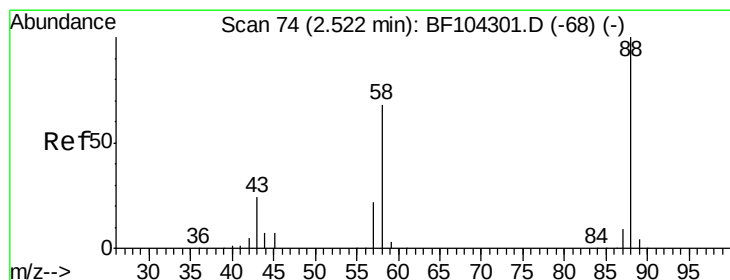
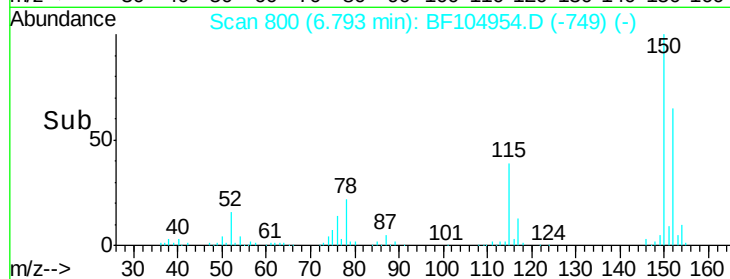
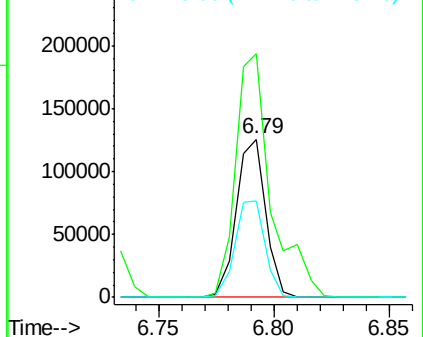
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF104954.D
Acq: 1 May 2018 1:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 111496
Ion Ratio Lower Upper
152 100
150 154.3 124.6 186.8
115 60.8 50.1 75.1



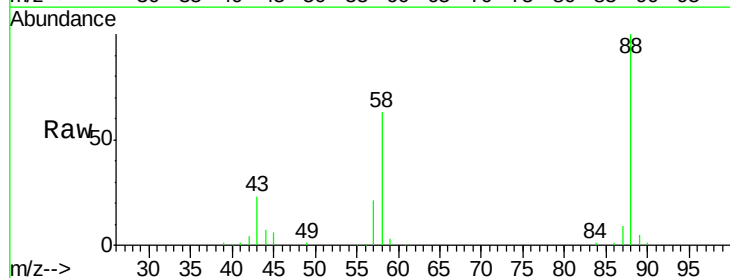
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



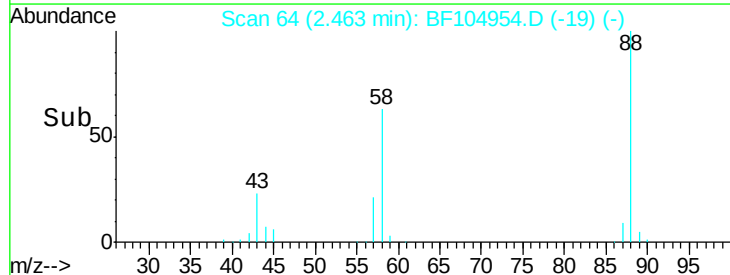
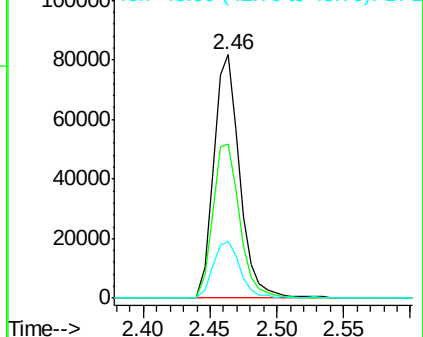
#2

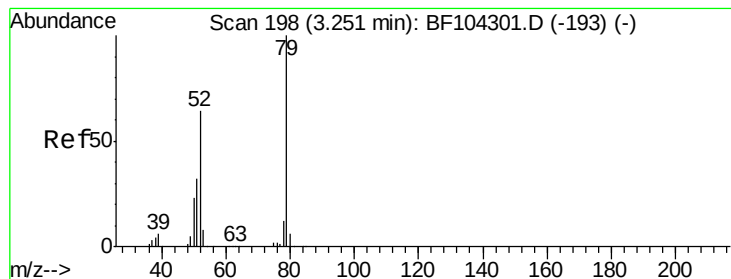
1,4-Dioxane
Concen: 32.906 ng
RT: 2.46 min Scan# 64
Delta R.T. -0.04 min
Lab File: BF104954.D
Acq: 1 May 2018 1:40

Tgt Ion: 88 Resp: 111803
Ion Ratio Lower Upper
88 100
58 65.6 62.6 93.8
43 23.9 24.6 37.0#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvrindine

Concen: 32.516 ng

RT: 3.19 min Scan# 188

Delta R.T. -0.04 min

Lab File: BF104954.D

Acq: 1 May 2018 1:40

Instrument :

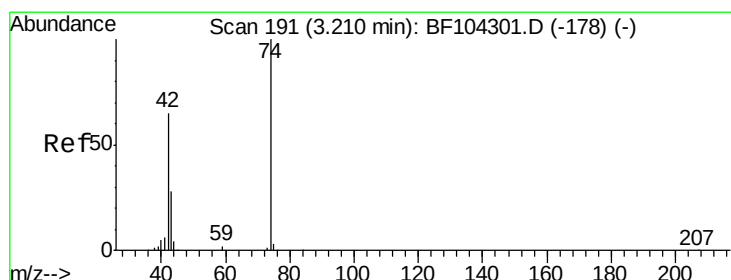
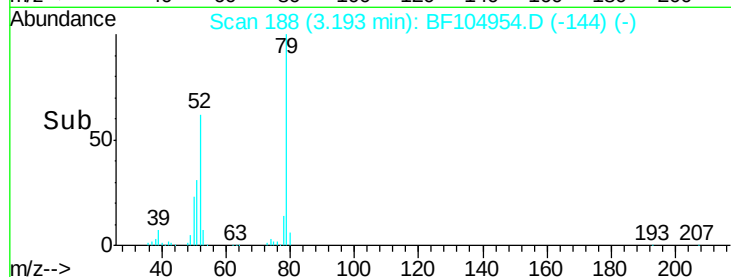
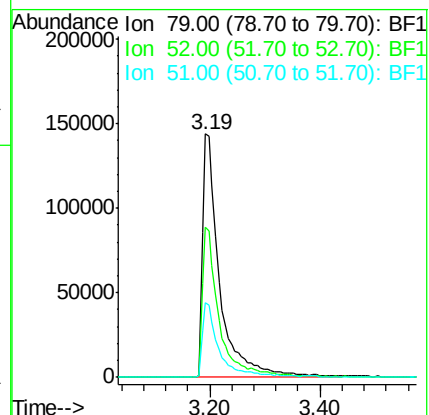
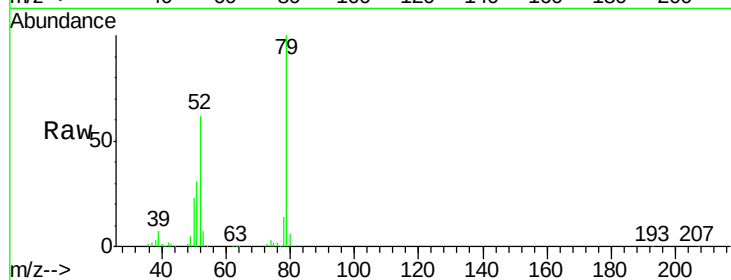
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 310617

Ion	Ratio	Lower	Upper
79	100		
52	61.6	59.8	89.6
51	30.7	29.8	44.8



#4

n-Nitrosodimethylamine

Concen: 31.085 ng

RT: 3.17 min Scan# 184

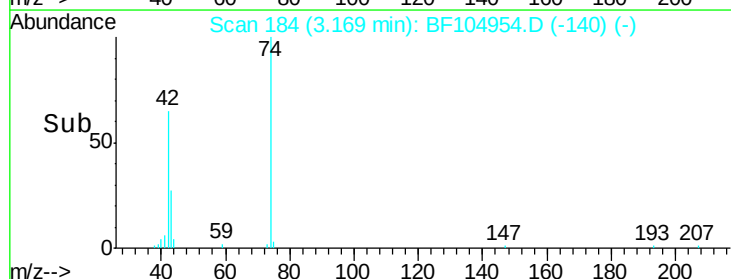
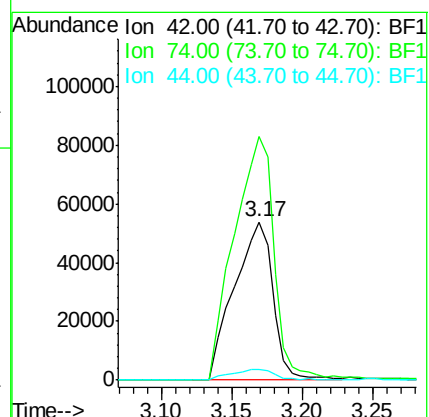
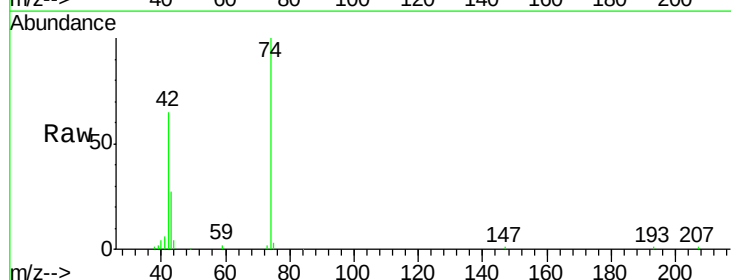
Delta R.T. -0.04 min

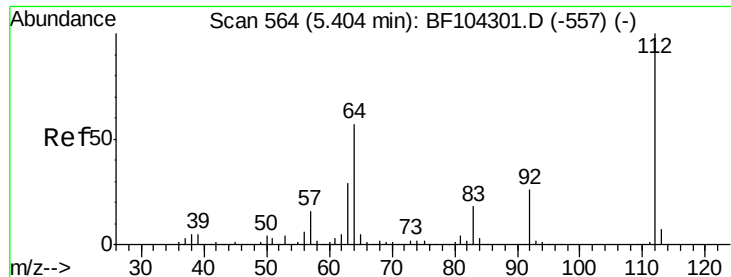
Lab File: BF104954.D

Acq: 1 May 2018 1:40

Tgt Ion: 42 Resp: 103803

Ion	Ratio	Lower	Upper
42	100		
74	154.1	104.9	157.3
44	6.8	6.9	10.3





#5

2-Fluorophenol

Concen: 70.858 ng

RT: 5.40 min Scan# 563

Delta R.T. -0.01 min

Lab File: BF104954.D

Acq: 1 May 2018 1:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

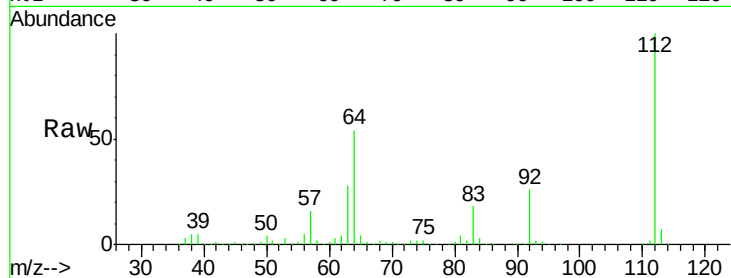
Tot Ion: 112 Resp: 51685

Ion Ratio Lower Upper

112 100

64 54.1 47.9 71.9

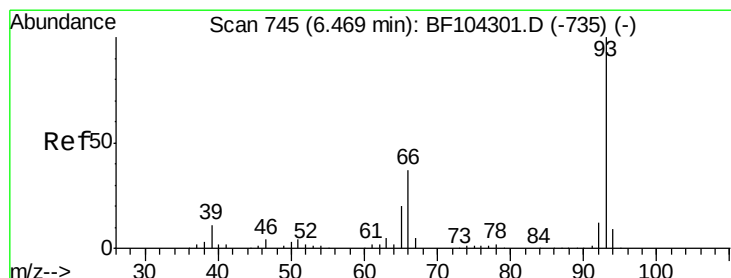
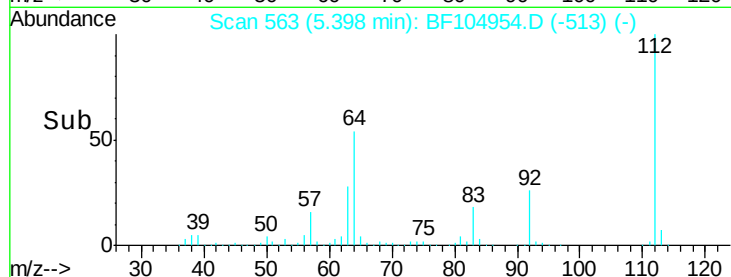
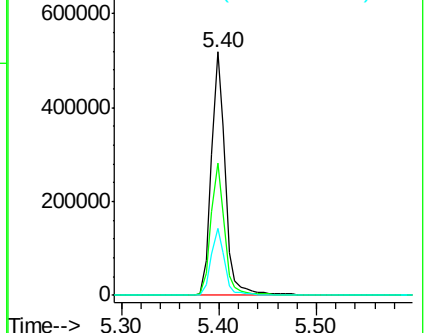
63 27.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 33.221 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF104954.D

Acq: 1 May 2018 1:40

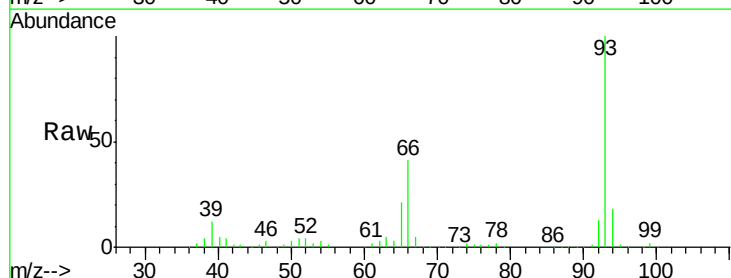
Tgt Ion: 93 Resp: 413517

Ion Ratio Lower Upper

93 100

66 41.3 32.2 48.2

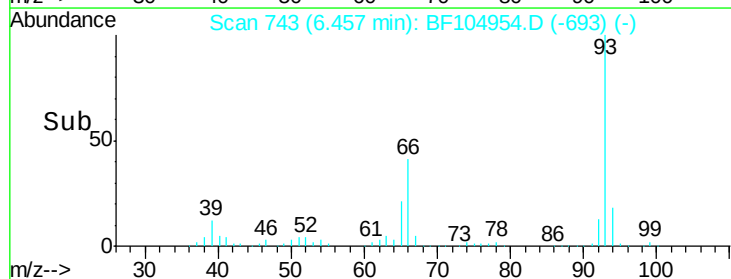
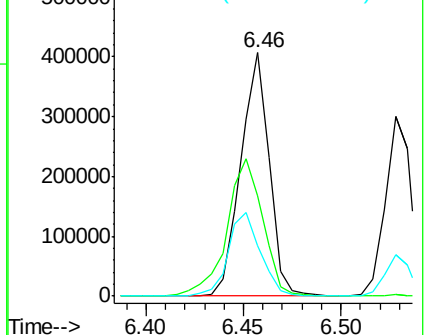
65 20.9 16.4 24.6

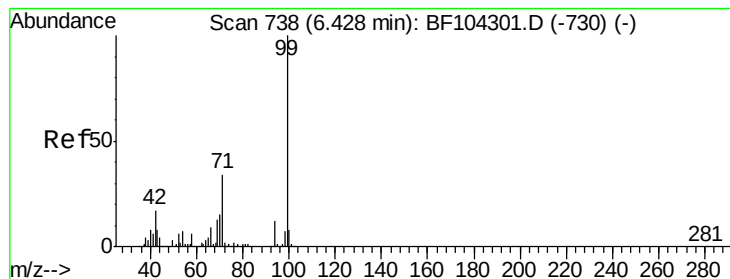


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 71.090 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF104954.D

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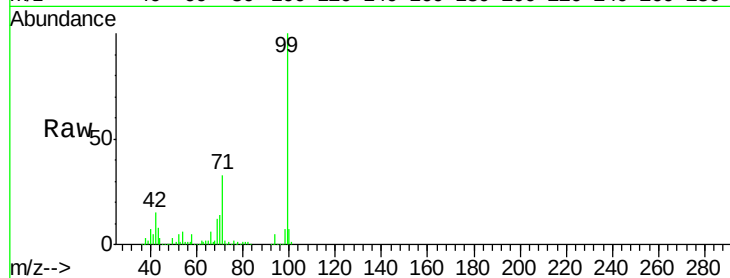
Tot Ion: 99 Resp: 636919

Ion Ratio Lower Upper

99 100

42 15.1 14.5 21.7

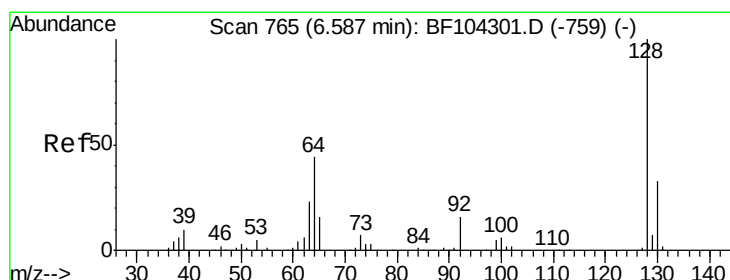
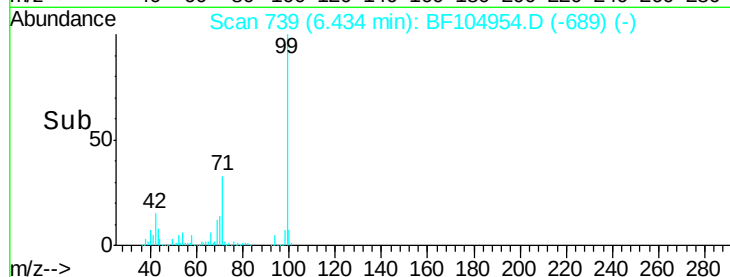
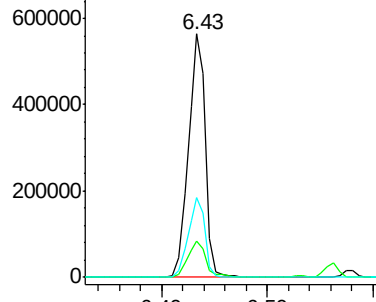
71 33.0 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 37.109 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF104954.D

Acq: 1 May 2018 1:40

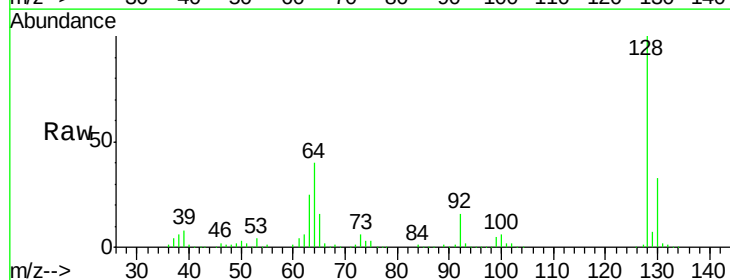
Tgt Ion: 128 Resp: 285599

Ion Ratio Lower Upper

128 100

130 32.9 13.0 53.0

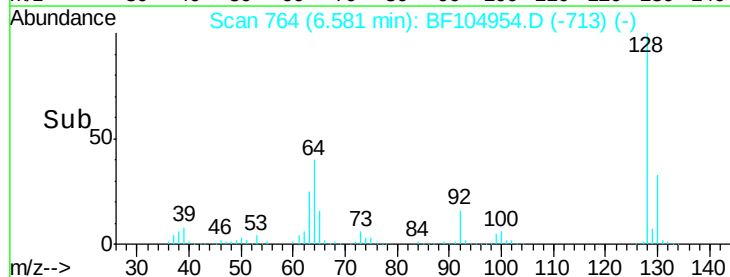
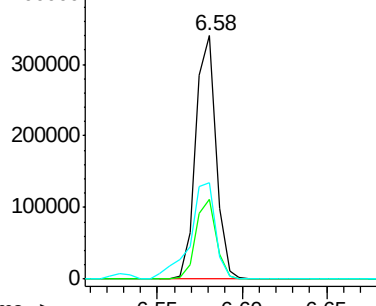
64 39.6 29.4 69.4

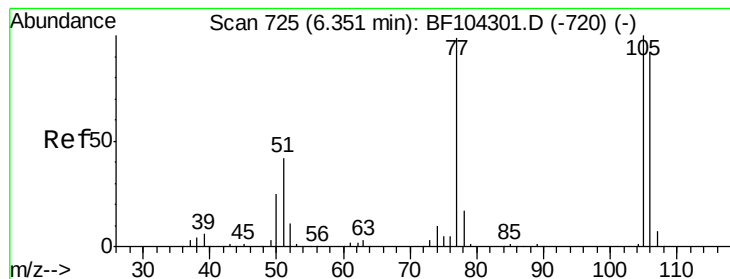


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 32.898 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.00 min

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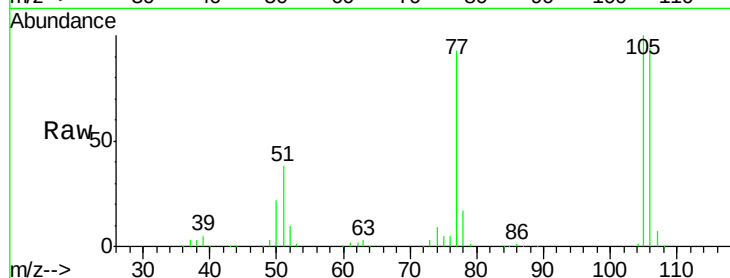
Tot Ion: 77 Resp: 158111

Ion Ratio Lower Upper

77 100

105 107.5 81.1 121.1

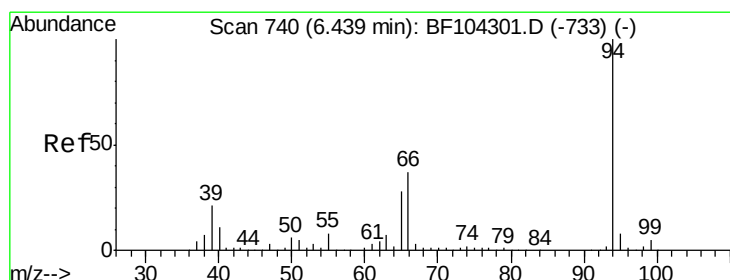
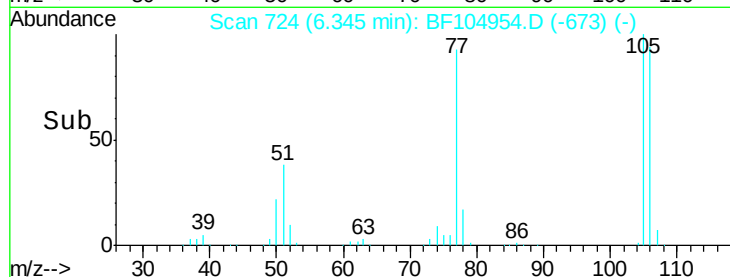
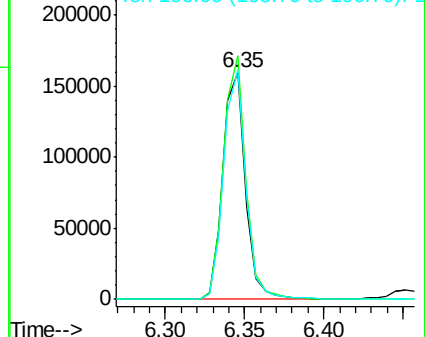
106 101.1 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 36.712 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF104954.D

Acq: 1 May 2018 1:40

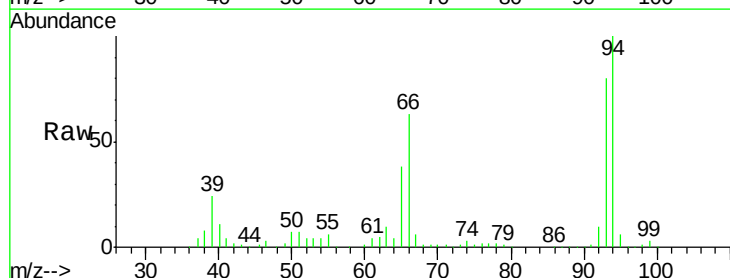
Tgt Ion: 94 Resp: 348993

Ion Ratio Lower Upper

94 100

65 37.7 7.9 47.9

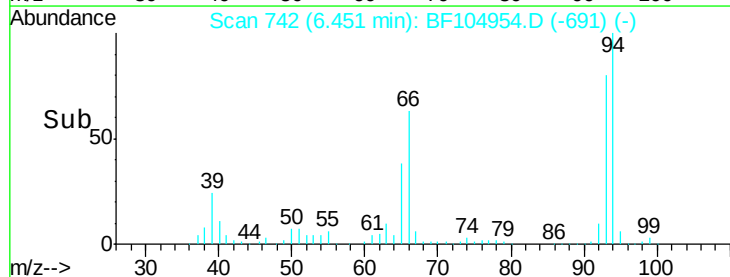
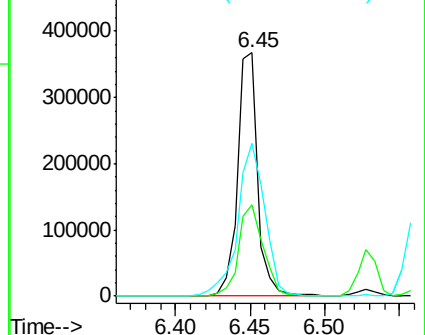
66 62.7 16.2 56.2#

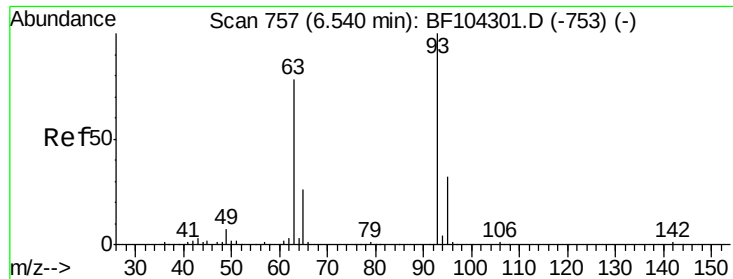


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

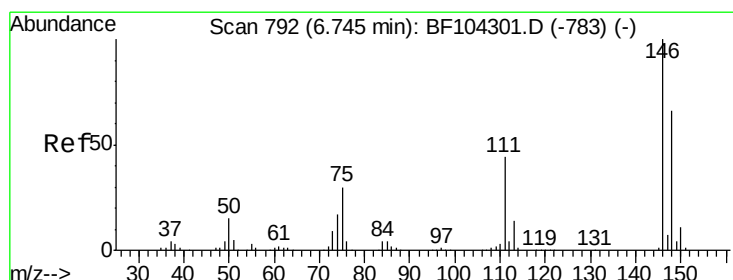
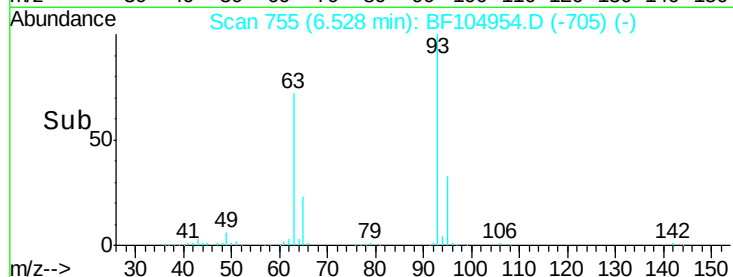
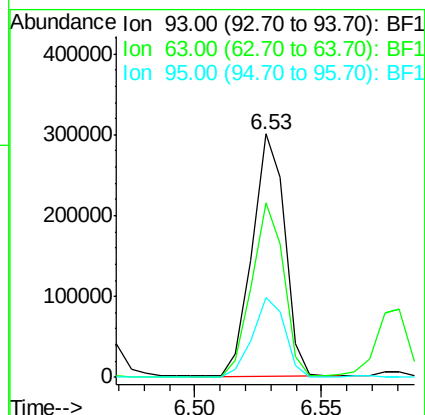
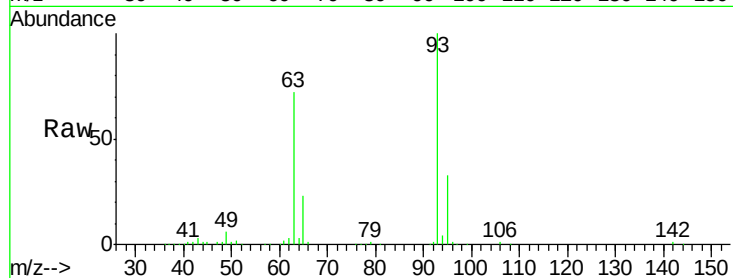




#11
bis(2-Chloroethyl)ether
Concen: 35.409 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF104954.D
Acq: 1 May 2018 1:40

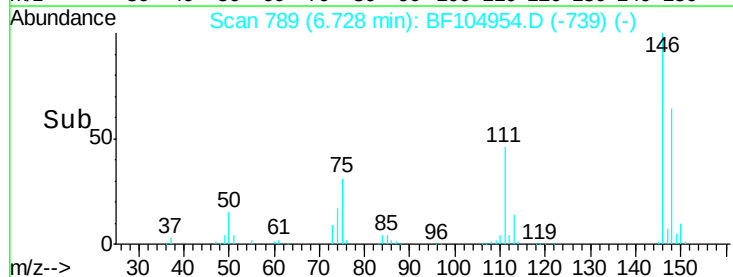
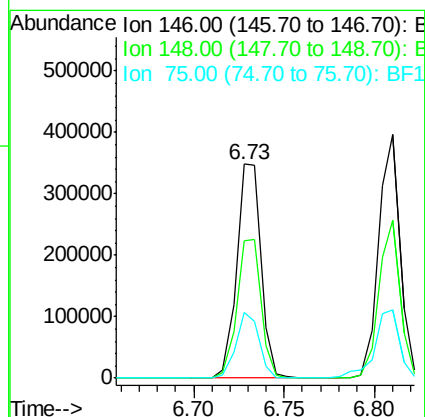
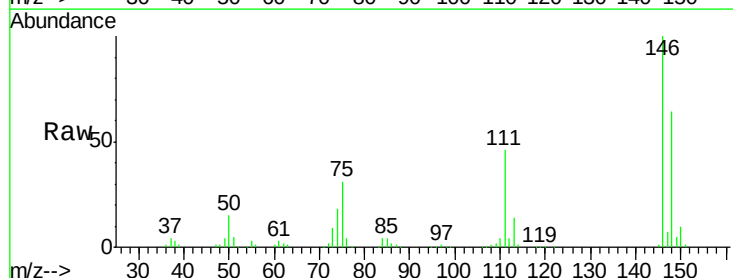
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

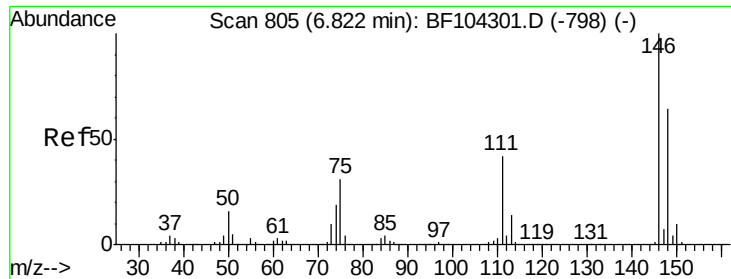
Tot Ion: 93 Resp: 268608
Ion Ratio Lower Upper
93 100
63 71.9 58.6 98.6
95 32.9 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 37.286 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF104954.D
Acq: 1 May 2018 1:40

Tgt Ion: 146 Resp: 325097
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.8
75 30.9 24.2 36.4

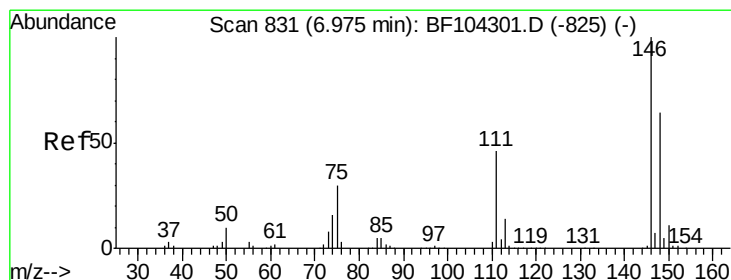
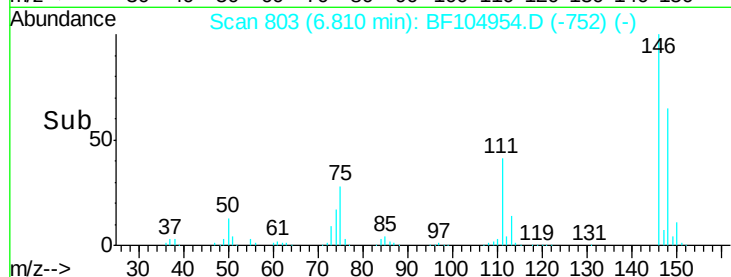
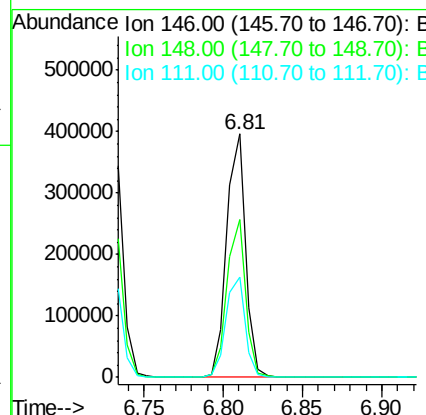
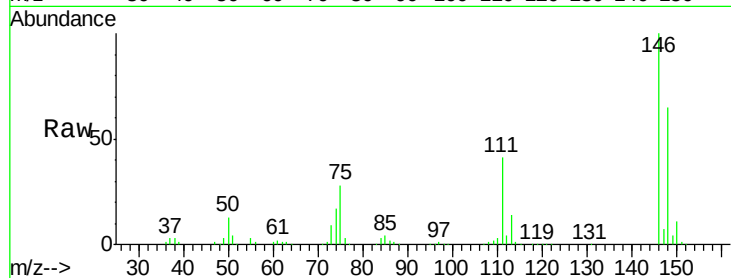




#13
 1,4-Dichlorobenzene
 Concen: 37.669 ng
 RT: 6.81 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF104954.D
 Acq: 1 May 2018 1:40

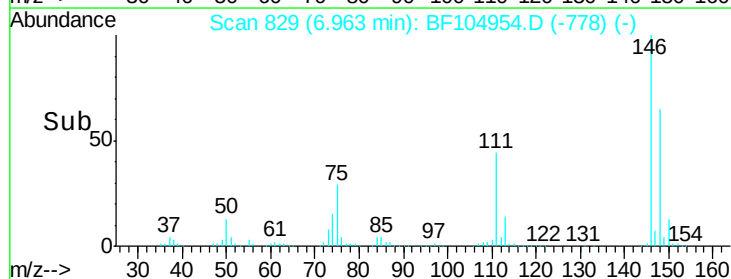
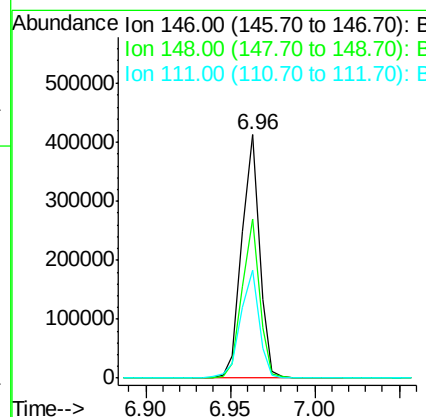
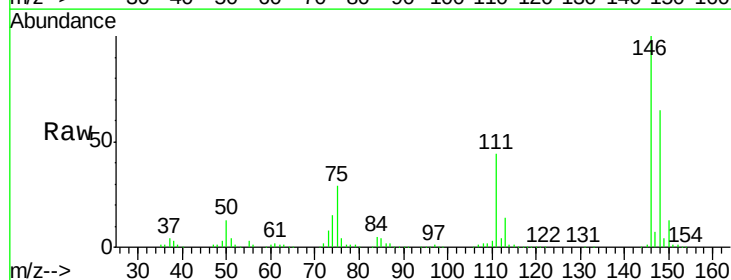
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

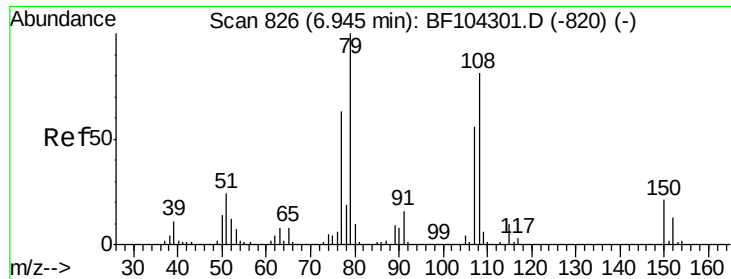
Tot Ion:146 Resp: 327392
 Ion Ratio Lower Upper
 146 100
 148 64.9 50.8 76.2
 111 41.4 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 37.482 ng
 RT: 6.96 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF104954.D
 Acq: 1 May 2018 1:40

Tgt Ion:146 Resp: 301894
 Ion Ratio Lower Upper
 146 100
 148 65.1 50.6 75.8
 111 44.4 36.0 54.0

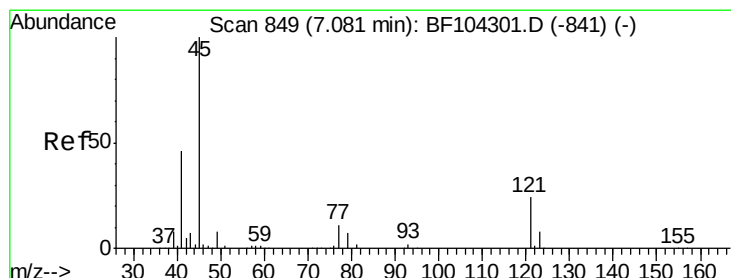
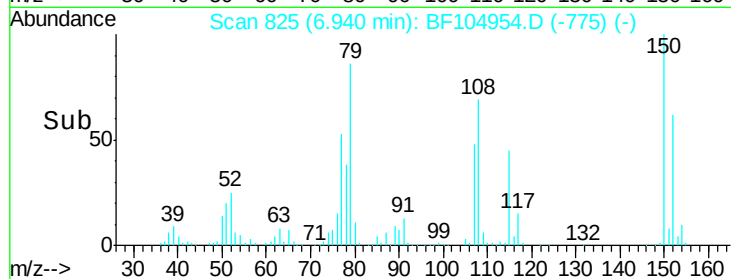
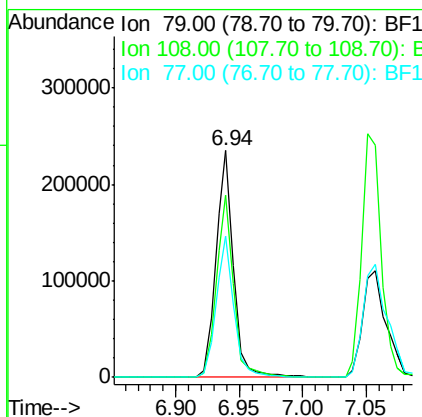
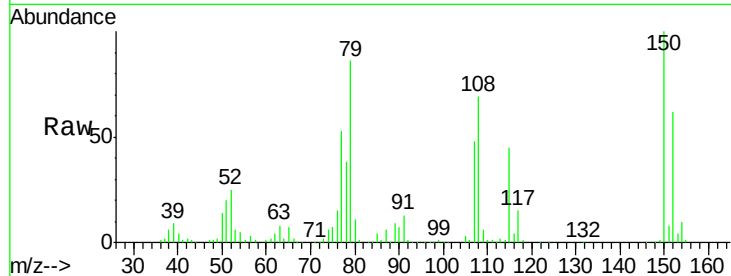




#15
Benzyl Alcohol
Concen: 33.592 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF104954.D
Acq: 1 May 2018 1:40

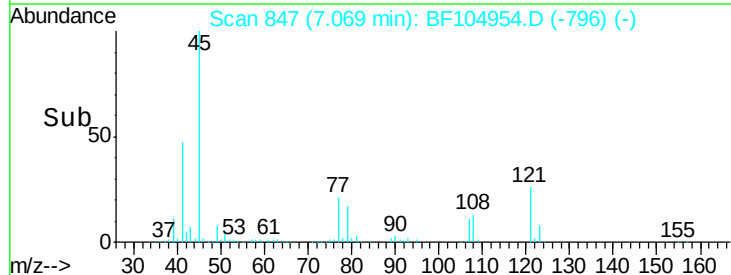
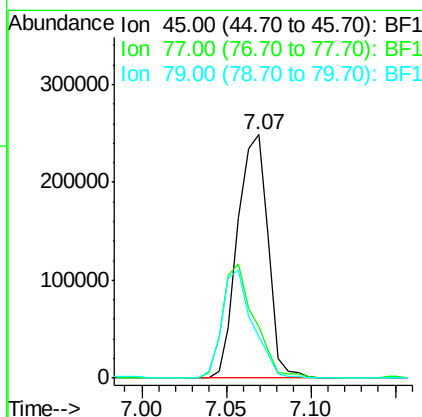
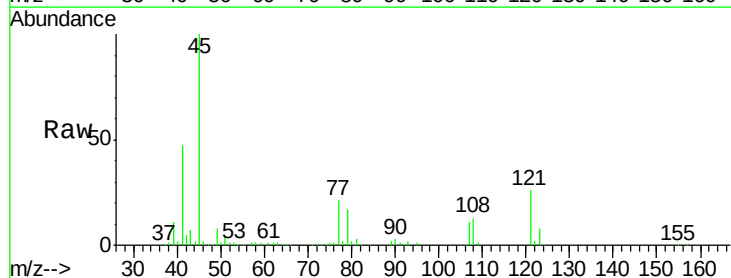
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

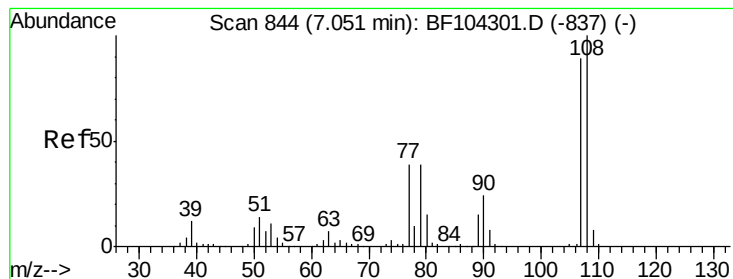
Tot Ion: 79 Resp: 228587
Ion Ratio Lower Upper
79 100
108 80.5 65.1 97.7
77 62.3 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 30.837 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF104954.D
Acq: 1 May 2018 1:40

Tgt Ion: 45 Resp: 314154
Ion Ratio Lower Upper
45 100
77 21.3 0.0 32.9
79 17.0 0.0 29.6

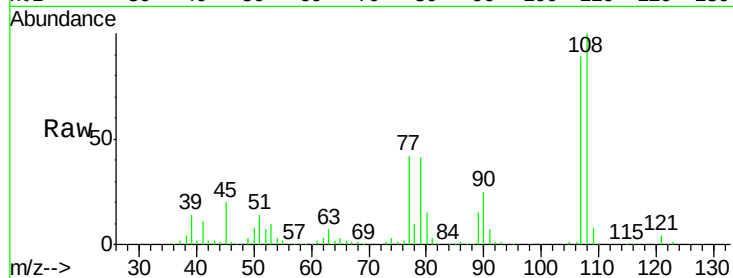




#17
2-Methylphenol
Concen: 36.016 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF104954.D
Acq: 1 May 2018 1:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.9	91.7	137.5
77	46.8	33.8	50.8
79	45.7	33.8	50.8



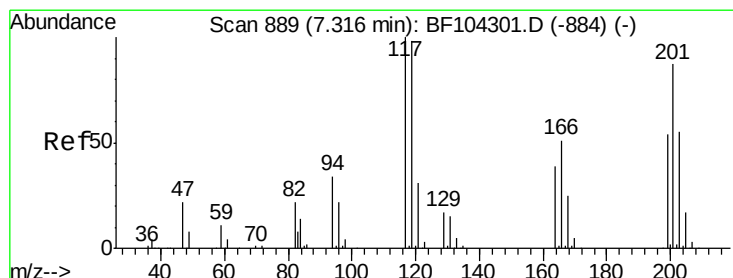
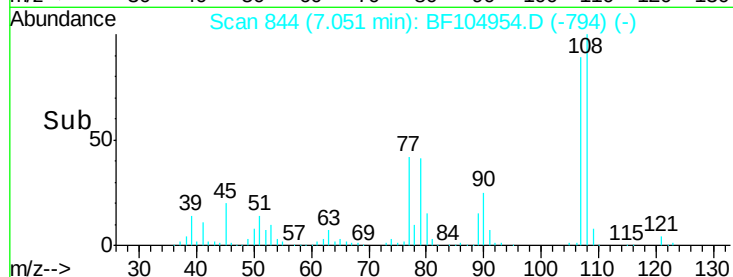
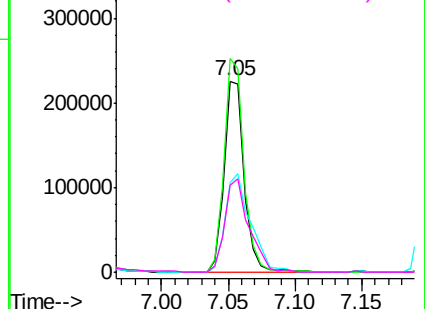
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

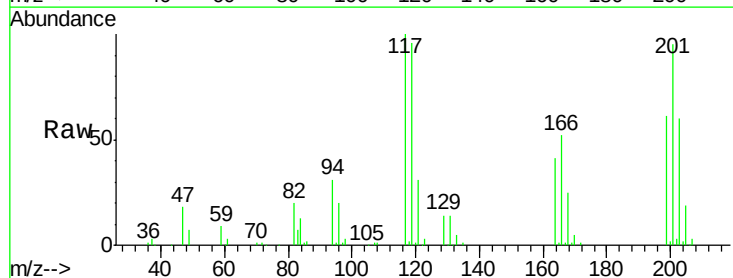
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 32.228 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF104954.D
Acq: 1 May 2018 1:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	75.8	113.8
201	95.4	75.7	113.5

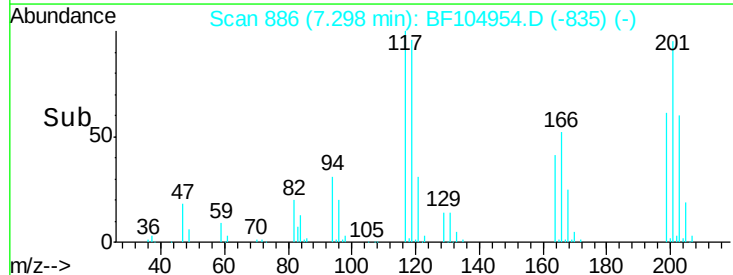
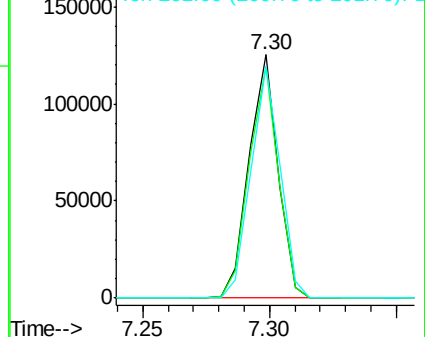


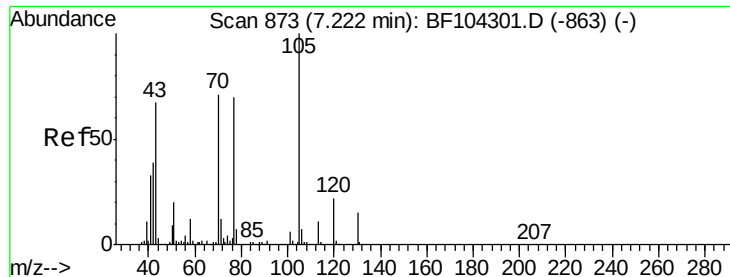
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

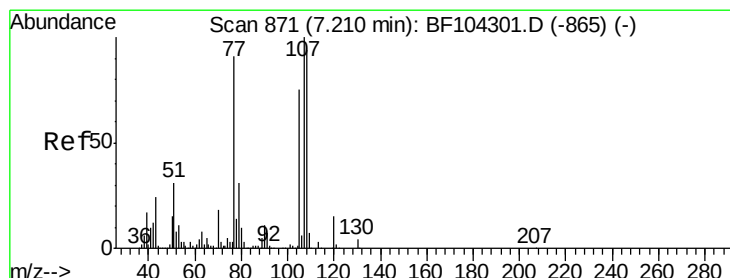
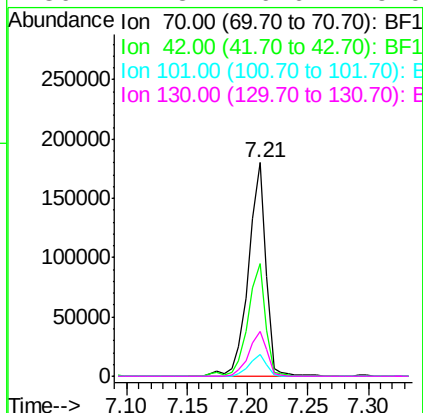
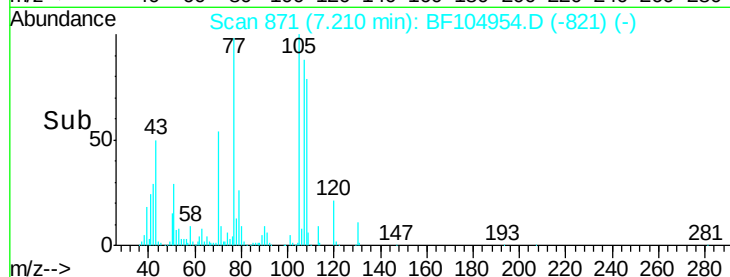
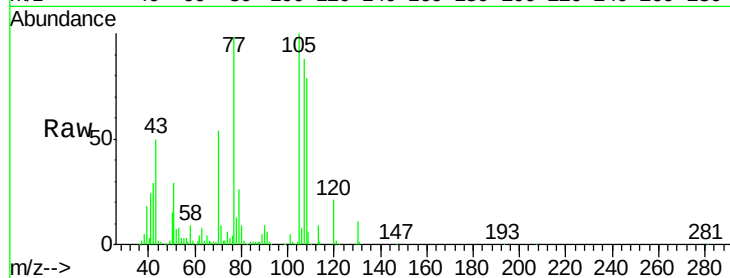




#19
n-Nitroso-di-n-propylamine
Concen: 31.331 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF104954.D
Acq: 1 May 2018 1:40

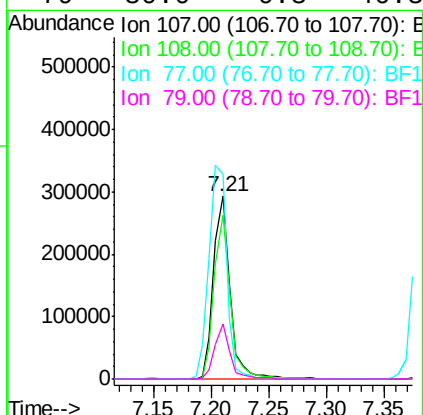
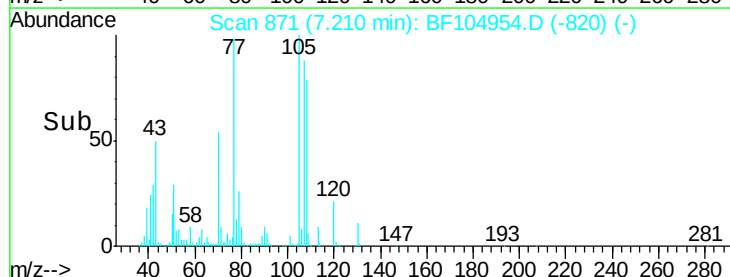
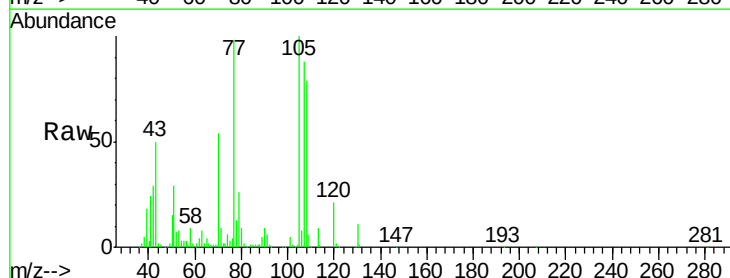
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

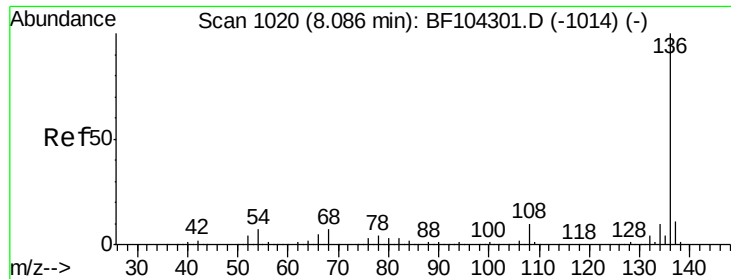
Tot Ion: 70 Resp: 183430
Ion Ratio Lower Upper
70 100
42 52.9 47.5 71.3
101 10.0 7.4 11.2
130 21.3 16.6 25.0



#20
3+4-Methylphenols
Concen: 35.570 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF104954.D
Acq: 1 May 2018 1:40

Tgt Ion: 107 Resp: 295131
Ion Ratio Lower Upper
107 100
108 90.0 68.2 108.2
77 111.8 26.7 66.7#
79 30.0 6.3 46.3

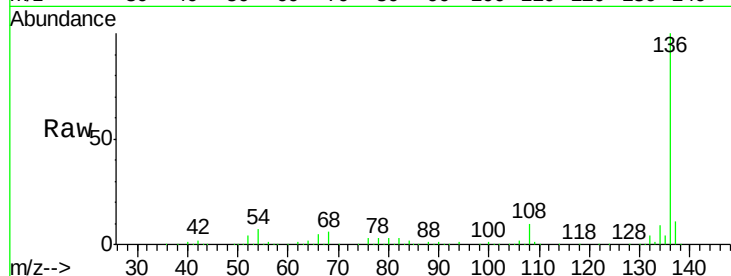




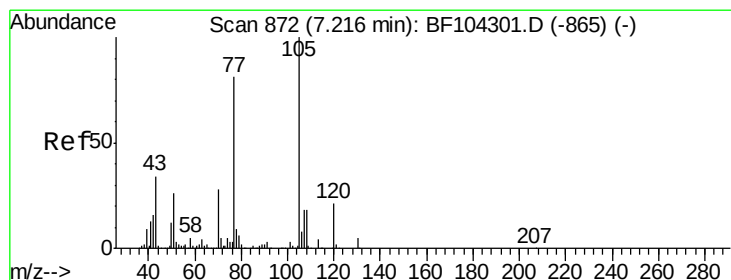
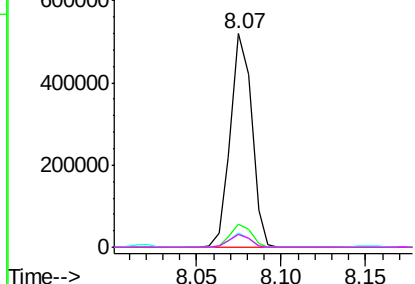
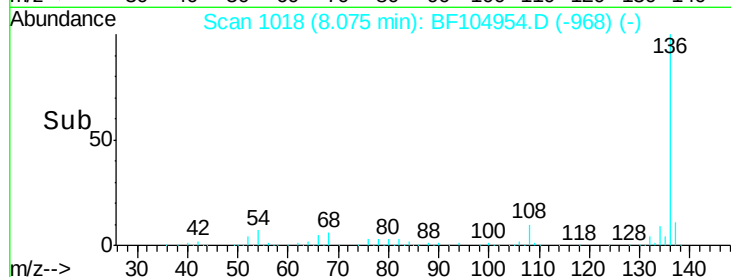
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF104954.D
Acq: 1 May 2018 1:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:136	Resp:	457354
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	6.6	6.6 9.8
68	5.8	5.0 7.4

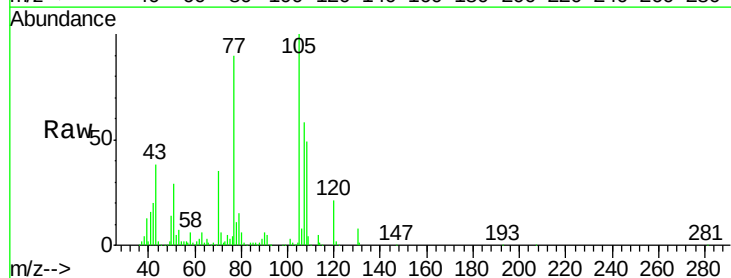


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

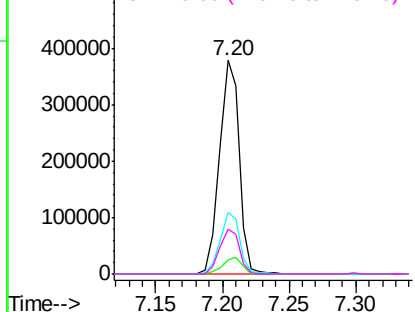
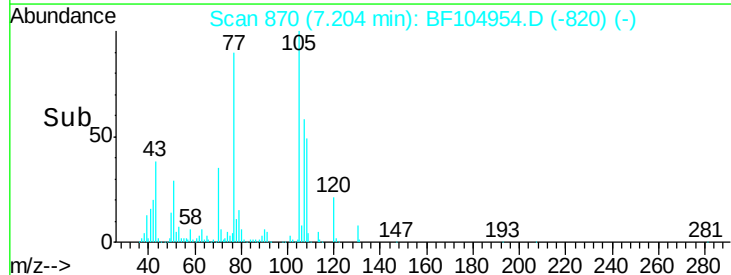


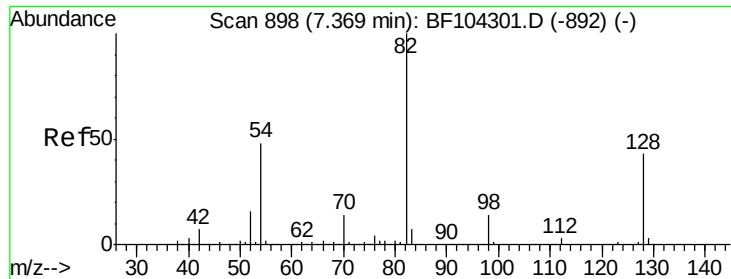
#22
Acetophenone
Concen: 35.277 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF104954.D
Acq: 1 May 2018 1:40

Tgt Ion:105	Resp:	397215
Ion Ratio	Lower	Upper
105	100	
71	6.3	4.4 6.6
51	28.8	22.3 33.5
120	20.9	16.9 25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

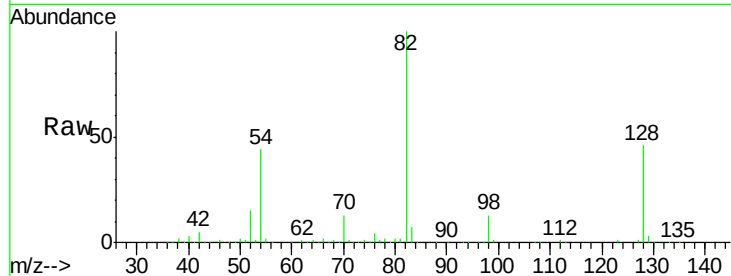




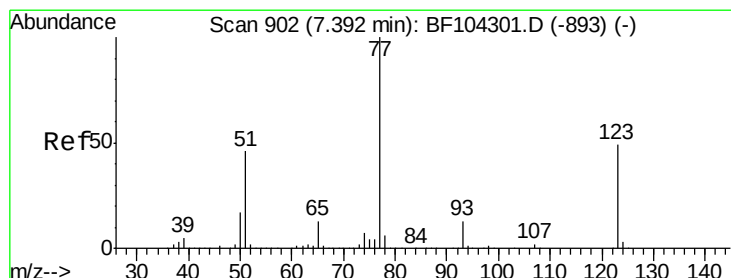
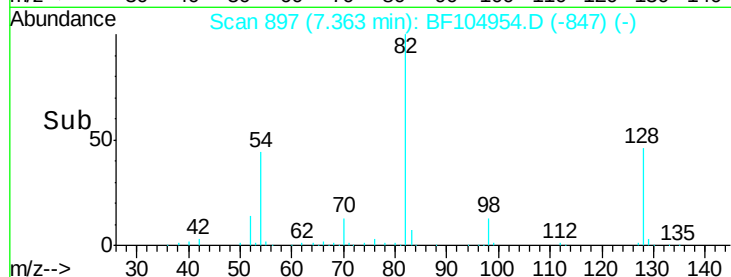
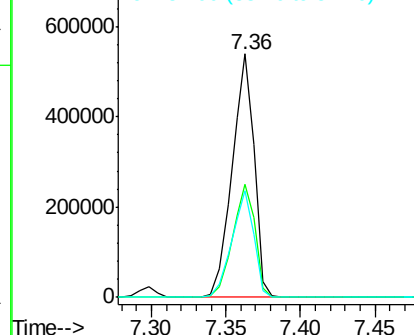
#23
 Nitrobenzene-d5
 Concen: 80.387 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF104954.D
 Acq: 1 May 2018 1:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	82	Resp	563038
Ion Ratio	Lower	Upper	
82	100		
128	46.4	36.1	54.1
54	44.0	41.4	62.2

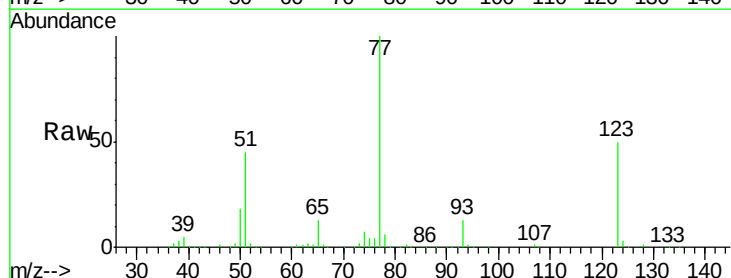


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

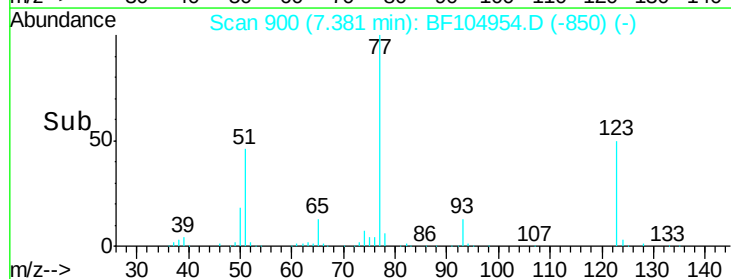
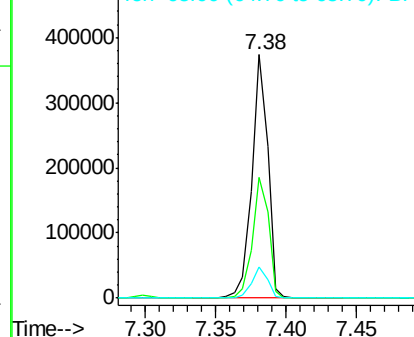


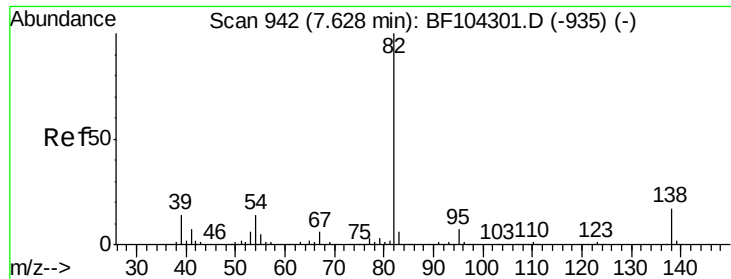
#24
 Nitrobenzene
 Concen: 38.166 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF104954.D
 Acq: 1 May 2018 1:40

Tgt Ion	77	Resp	295136
Ion Ratio	Lower	Upper	
77	100		
123	49.6	37.9	56.9
65	12.8	11.0	16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 33.509 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF104954.D

Acq: 1 May 2018 1:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

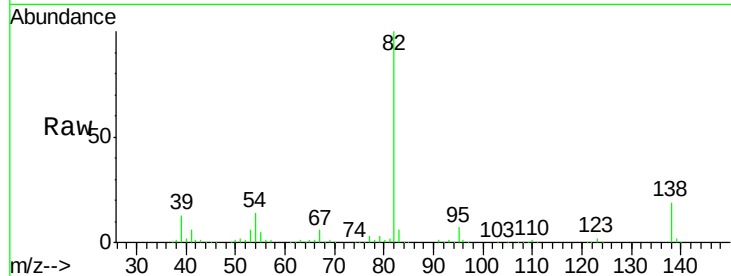
Tot Ion: 82 Resp: 496303

Ion Ratio Lower Upper

82 100

95 7.3 5.2 7.8

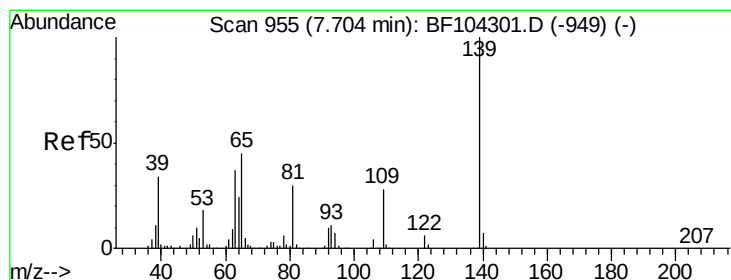
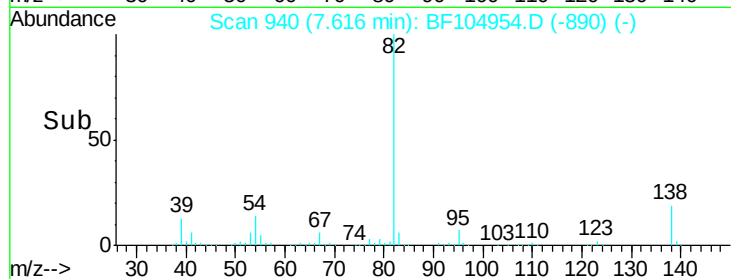
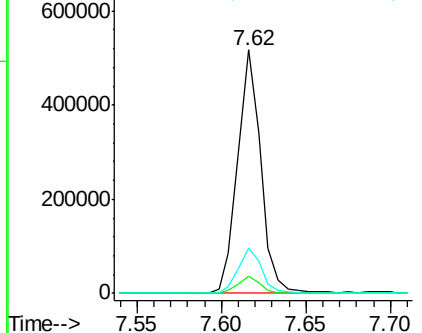
138 18.7 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 44.169 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF104954.D

Acq: 1 May 2018 1:40

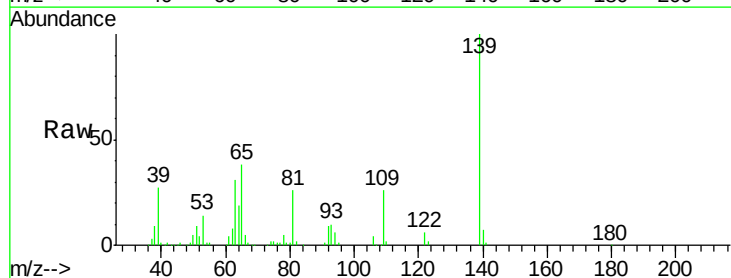
Tgt Ion: 139 Resp: 139048

Ion Ratio Lower Upper

139 100

109 26.5 22.7 34.1

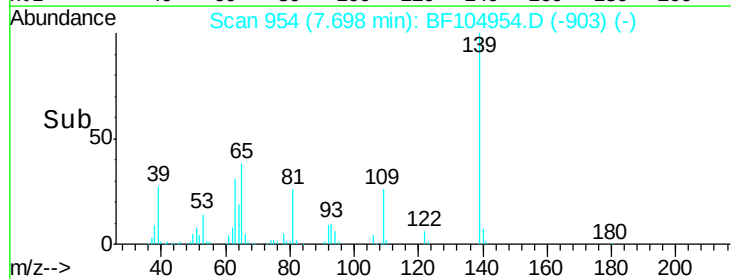
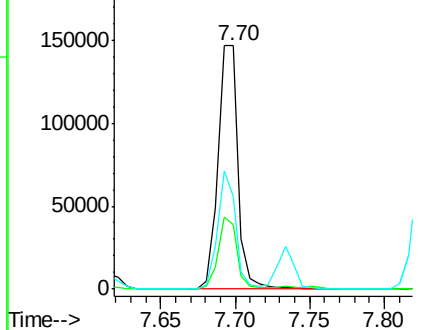
65 37.8 40.5 60.7#

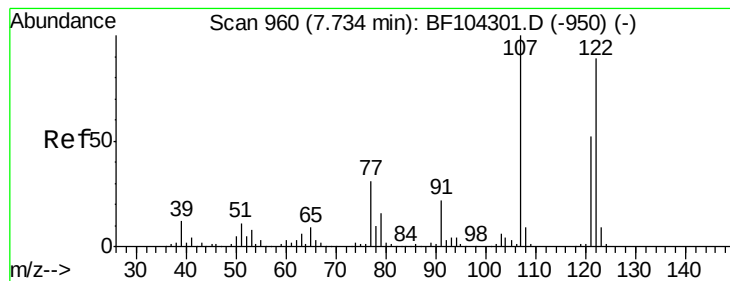


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 33.304 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF104954.D

Acq: 1 May 2018 1:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

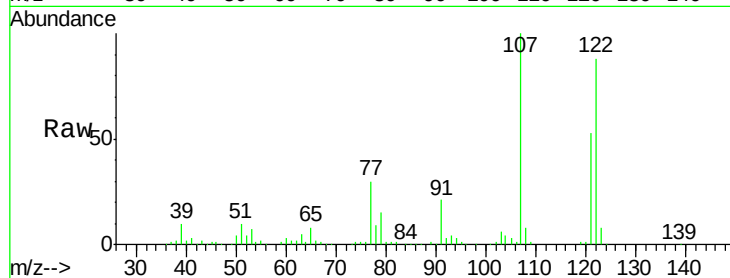
Tot Ion:122 Resp: 217696

Ion Ratio Lower Upper

122 100

107 113.6 91.2 136.8

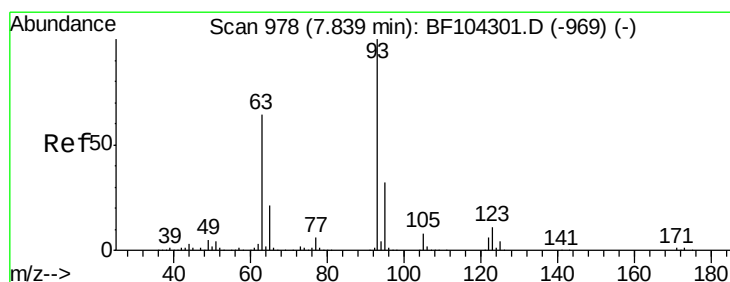
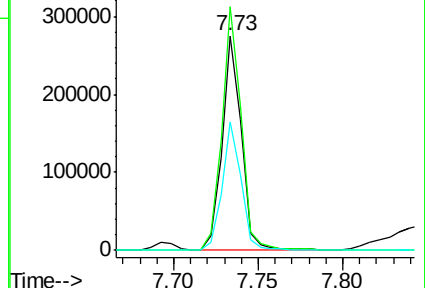
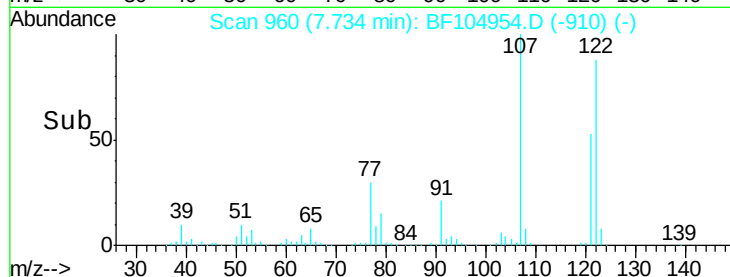
121 59.7 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 34.980 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.00 min

Lab File: BF104954.D

Acq: 1 May 2018 1:40

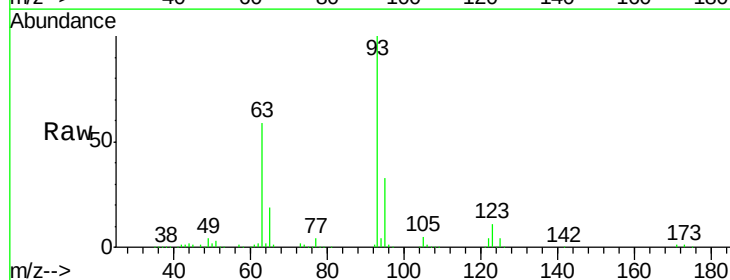
Tgt Ion: 93 Resp: 316771

Ion Ratio Lower Upper

93 100

95 32.9 26.3 39.5

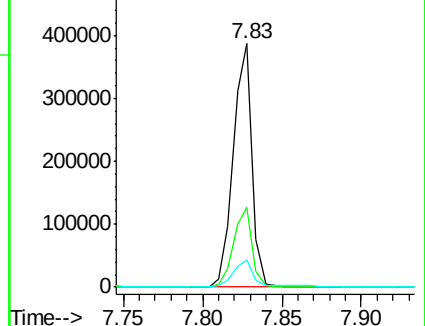
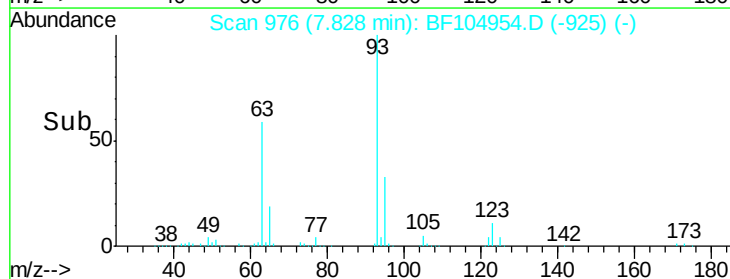
123 11.3 9.8 14.6

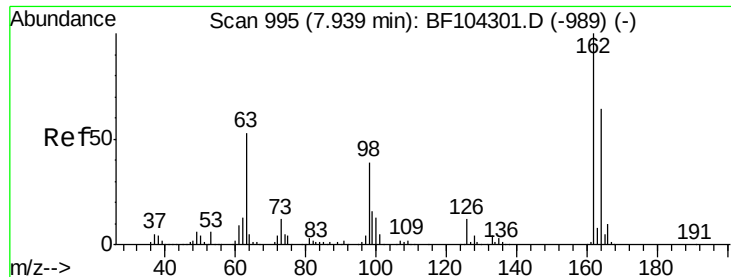


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

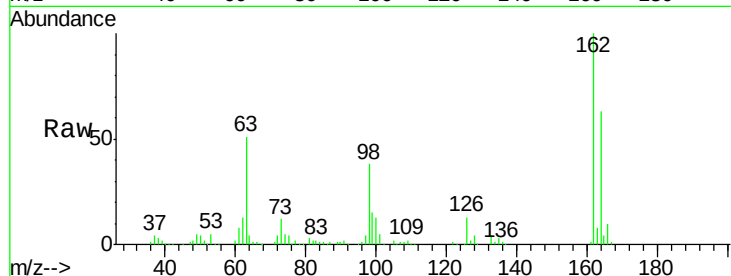




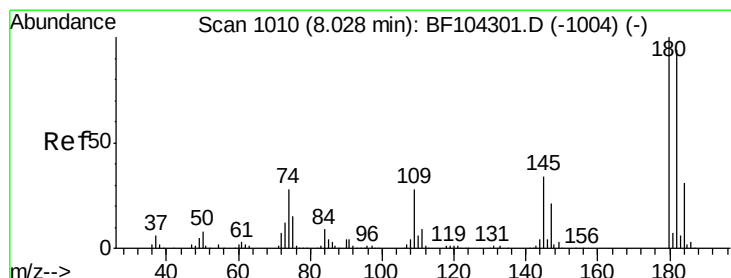
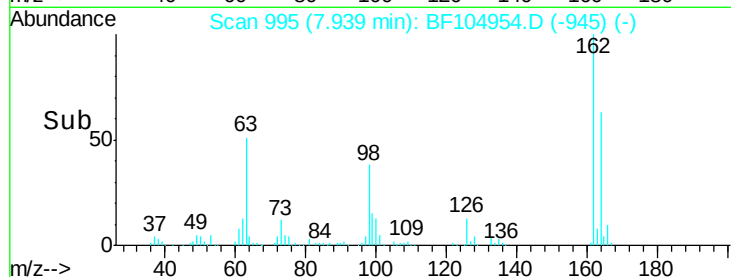
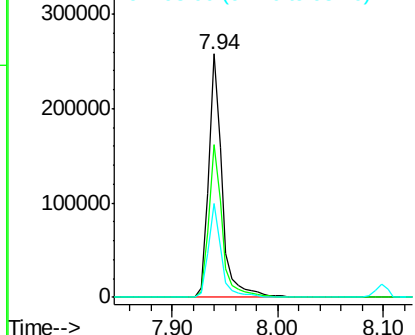
#29
 2,4-Dichlorophenol
 Concen: 36.653 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BF104954.D
 Acq: 1 May 2018 1:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	162	Resp	228600
Ion Ratio	Lower	Upper	
162	100		
164	62.8	42.7	82.7
98	38.4	18.1	58.1

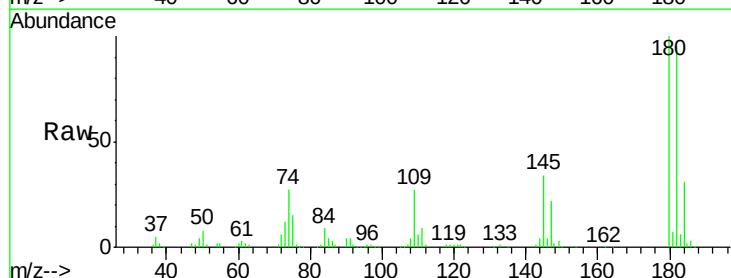


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

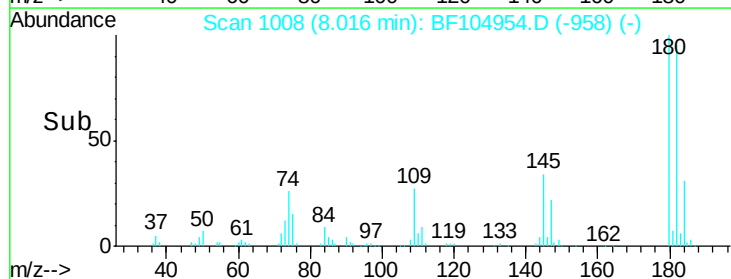
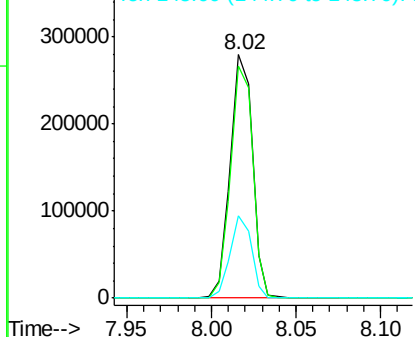


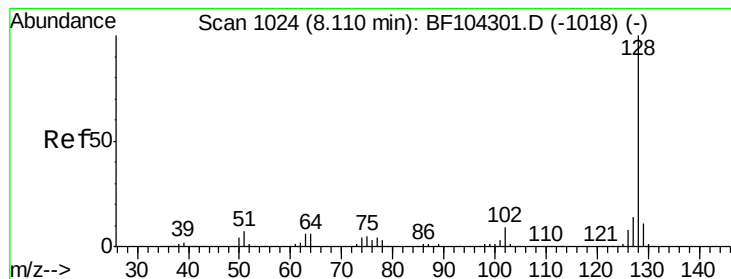
#30
 1,2,4-Trichlorobenzene
 Concen: 37.372 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BF104954.D
 Acq: 1 May 2018 1:40

Tgt Ion	180	Resp	255799
Ion Ratio	Lower	Upper	
180	100		
182	95.1	76.8	115.2
145	33.7	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 35.808 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF104954.D

Acq: 1 May 2018 1:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

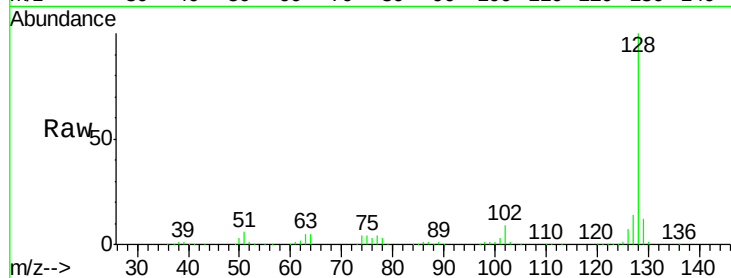
Tot Ion:128 Resp: 815494

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

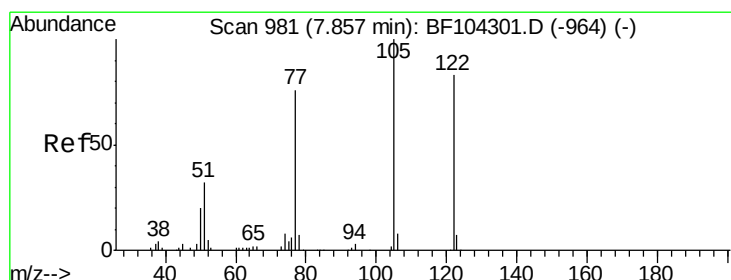
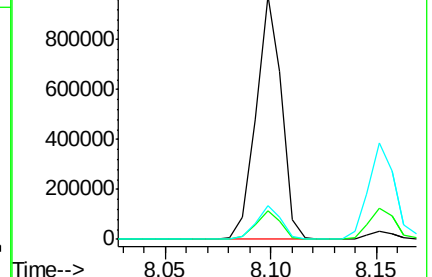
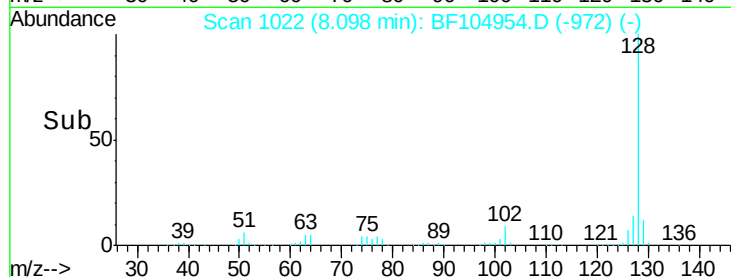
127 13.7 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 22.127 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.04 min

Lab File: BF104954.D

Acq: 1 May 2018 1:40

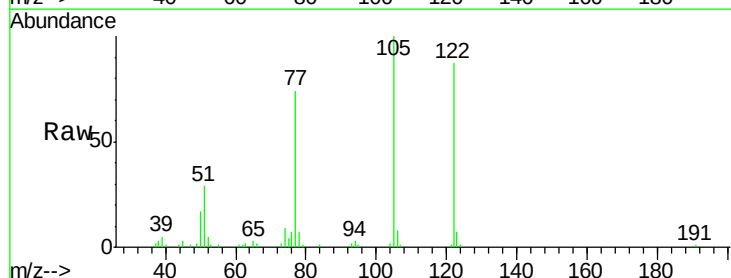
Tgt Ion:122 Resp: 115403

Ion Ratio Lower Upper

122 100

105 114.6 101.1 141.1

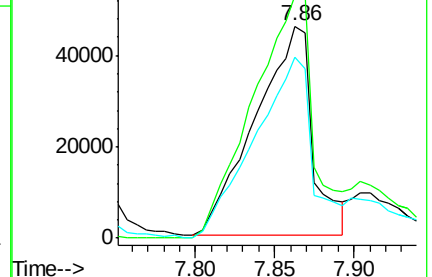
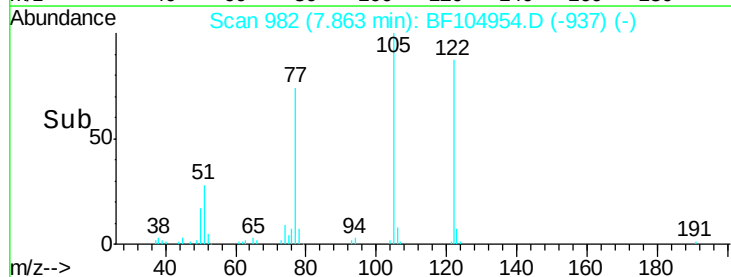
77 85.2 70.7 110.7

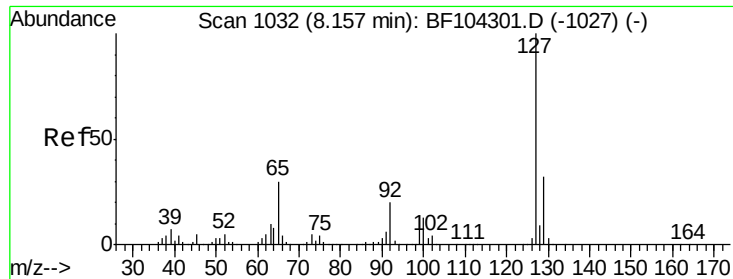


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

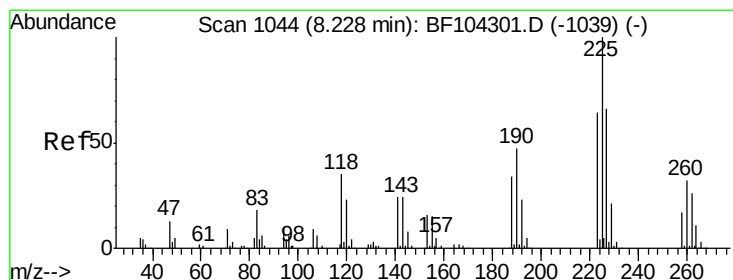
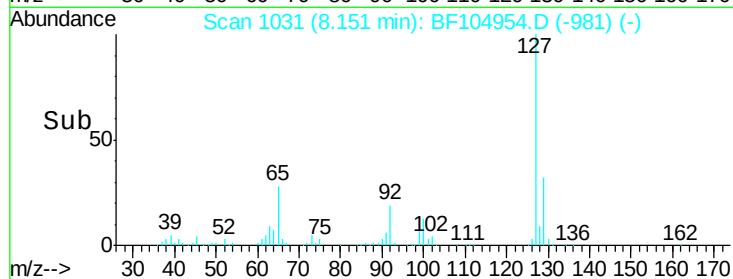
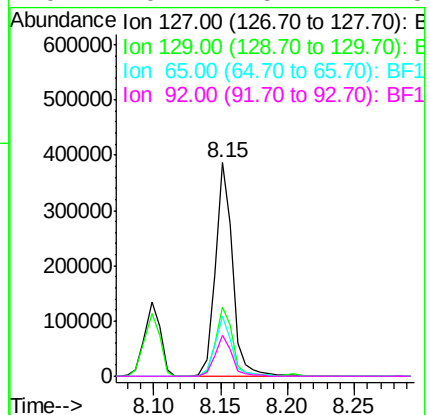
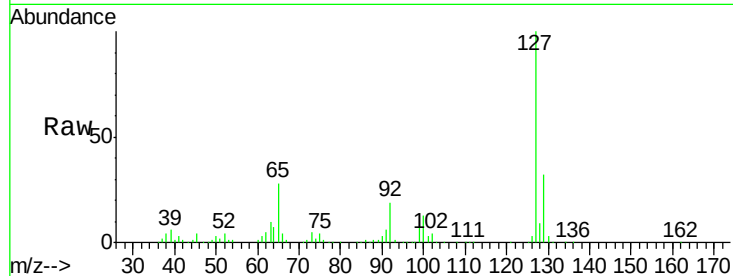




#33
4-Chloroaniline
Concen: 35.888 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF104954.D
Acq: 1 May 2018 1:40

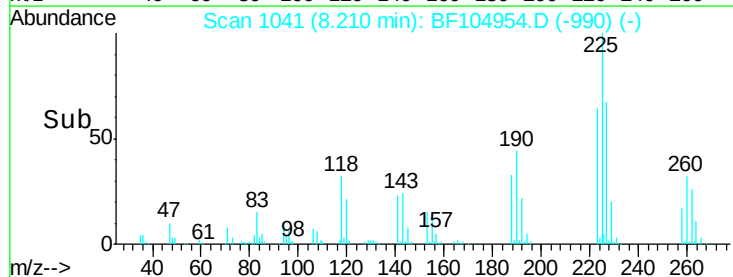
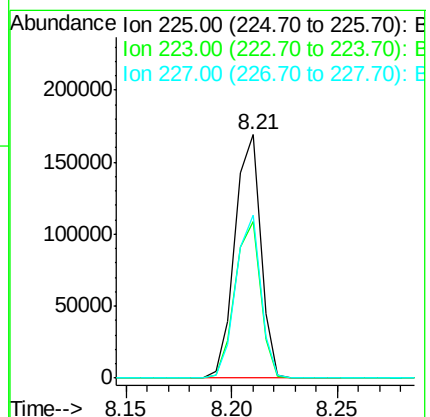
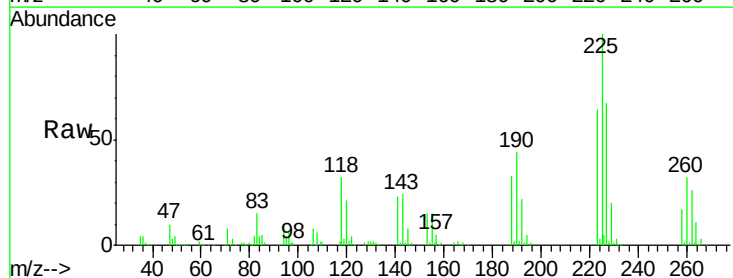
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

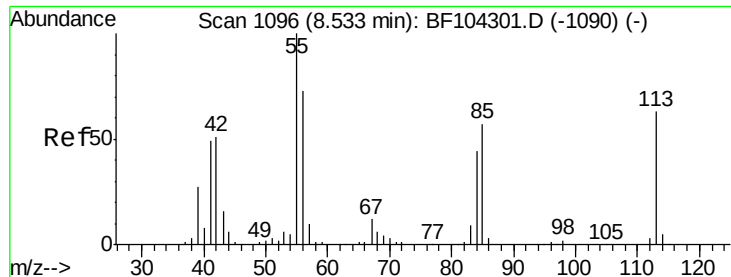
Tot Ion:	127	Resp:	350152
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	28.4	25.0	37.4
92	19.1	15.2	22.8



#34
Hexachlorobutadiene
Concen: 38.078 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF104954.D
Acq: 1 May 2018 1:40

Tgt Ion:	225	Resp:	142759
Ion	Ratio	Lower	Upper
225	100		
223	64.3	50.6	76.0
227	66.7	51.9	77.9





#35

Caprolactam

Concen: 33.131 ng

RT: 8.53 min Scan# 1096

Delta R.T. -0.01 min

Lab File: BF104954.D

Acq: 1 May 2018 1:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

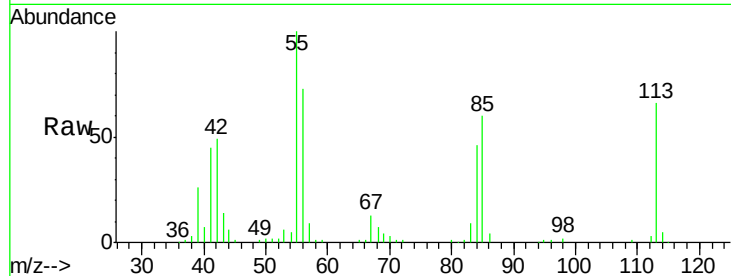
Tot Ion:113 Resp: 72084

Ion Ratio Lower Upper

113 100

55 151.7 163.3 203.3#

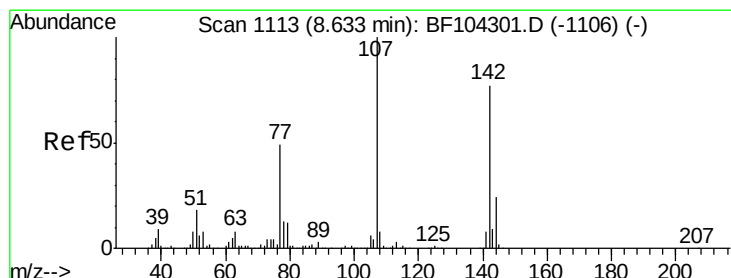
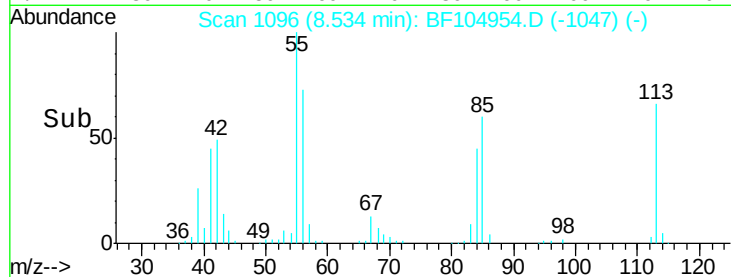
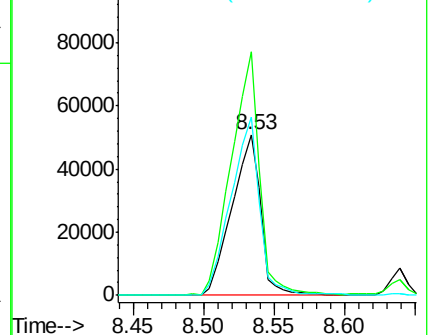
56 110.9 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 35.191 ng

RT: 8.64 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BF104954.D

Acq: 1 May 2018 1:40

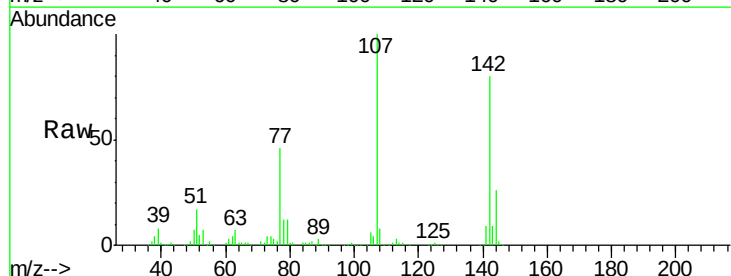
Tgt Ion:107 Resp: 235347

Ion Ratio Lower Upper

107 100

144 25.7 20.5 30.7

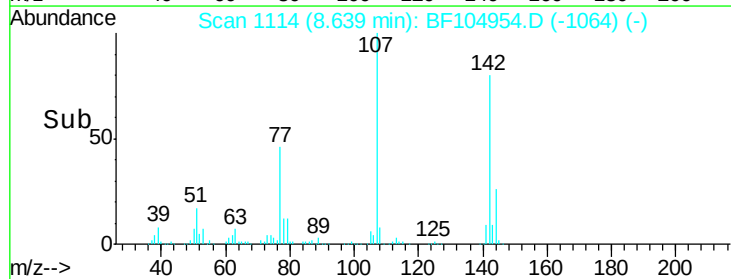
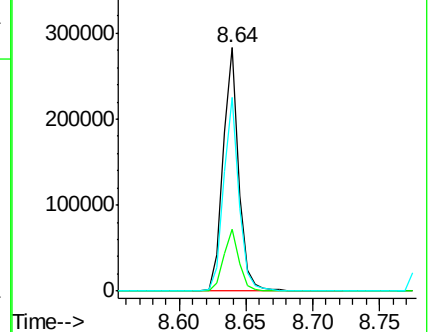
142 79.8 62.0 93.0

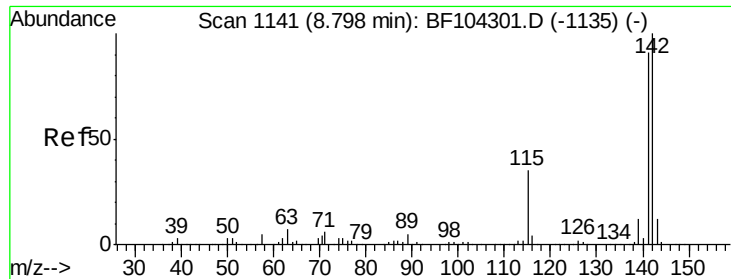


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

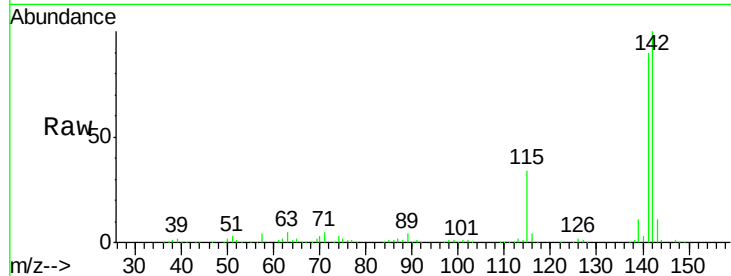




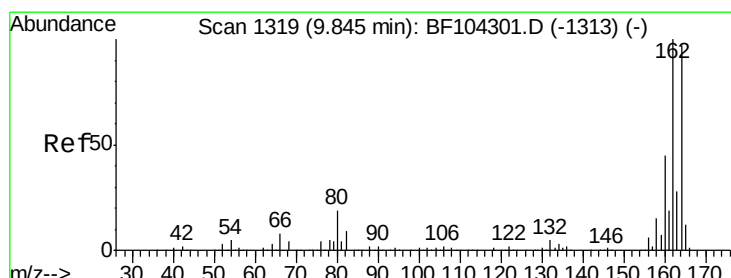
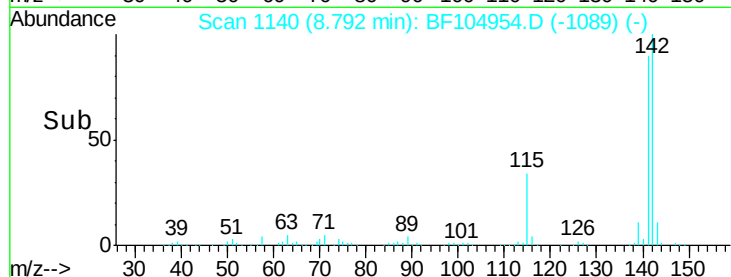
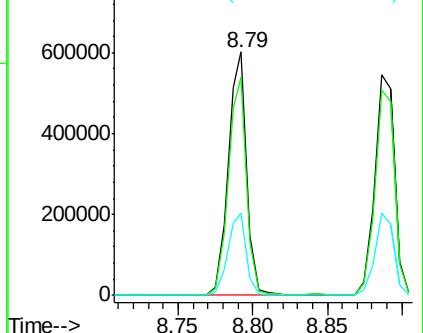
#37
 2-Methylnaphthalene
 Concen: 35.663 ng
 RT: 8.79 min Scan# 1140
 Delta R.T. 0.00 min
 Lab File: BF104954.D
 Acq: 1 May 2018 1:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.8	106.2
115	34.0	26.1	39.1

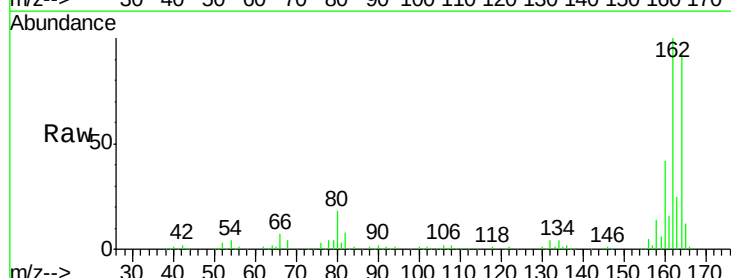


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

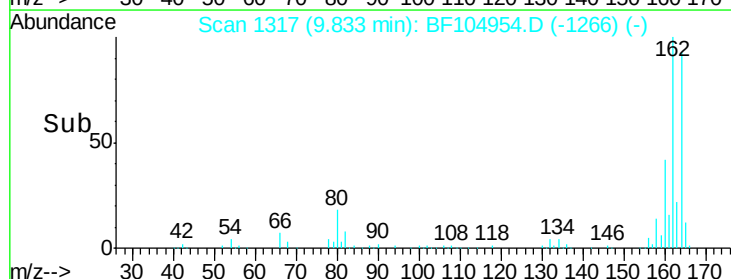
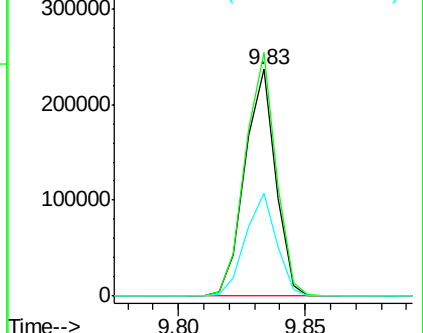


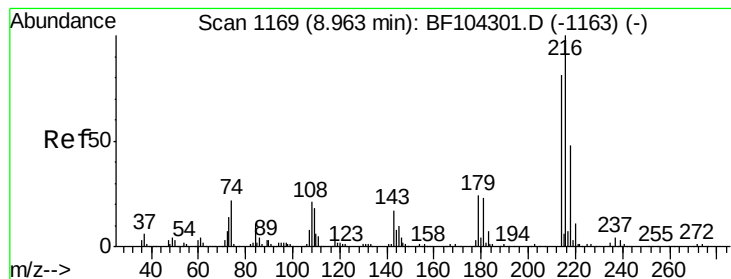
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: BF104954.D
 Acq: 1 May 2018 1:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.6	86.1	129.1
160	45.4	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.929 ng

RT: 8.96 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BF104954.D

Acq: 1 May 2018 1:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 233009

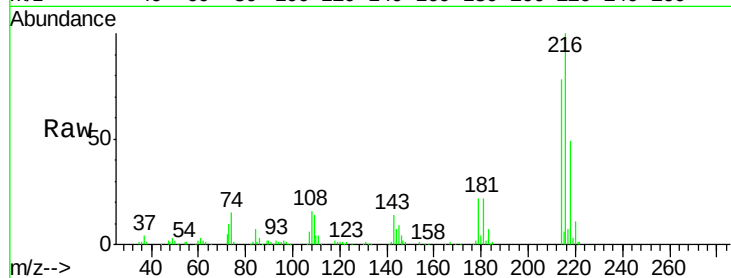
Ion Ratio Lower Upper

216 100

214 79.6 63.0 94.4

179 22.7 18.1 27.1

108 18.1 17.2 25.8

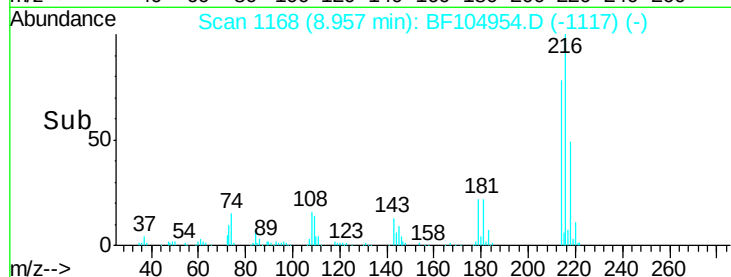


Abundance Ion 216.00 (215.70 to 216.70): E

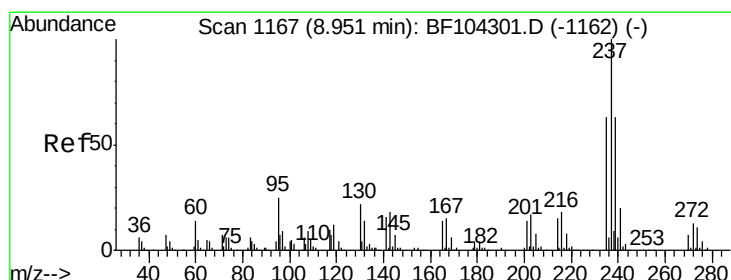
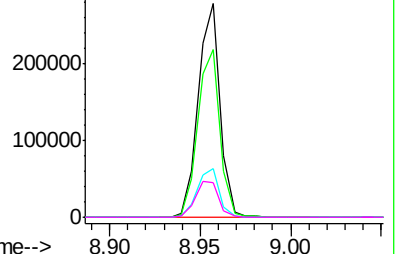
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 2.847 ng

RT: 8.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BF104954.D

Acq: 1 May 2018 1:40

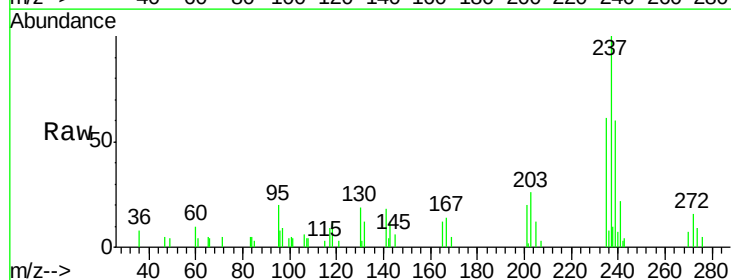
Tgt Ion:237 Resp: 9074

Ion Ratio Lower Upper

237 100

235 61.3 44.8 84.8

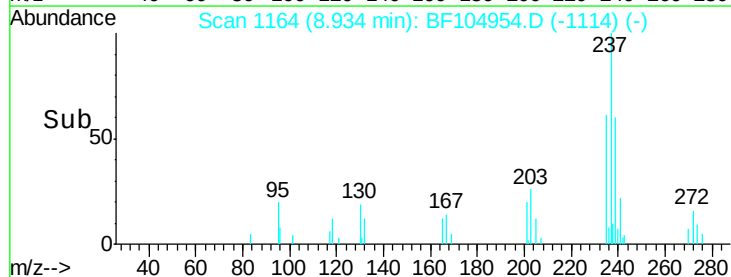
272 15.6 0.0 33.3



Abundance Ion 236.80 (236.50 to 237.50): E

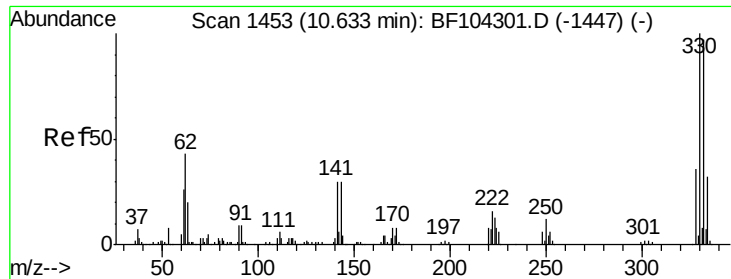
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

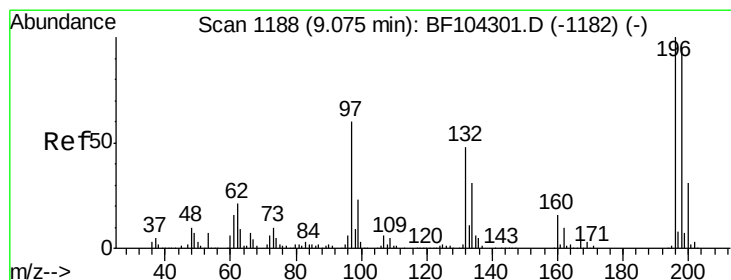
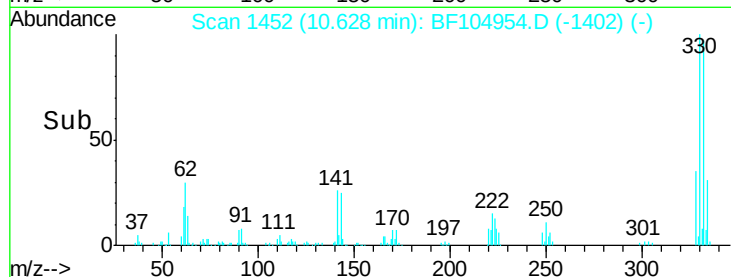
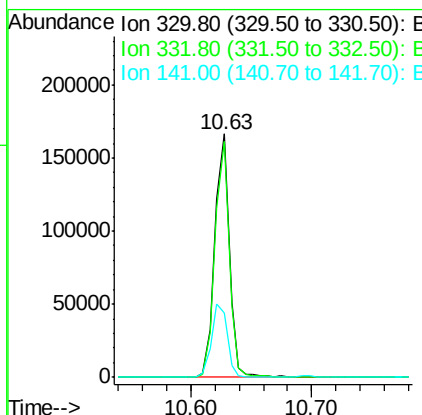
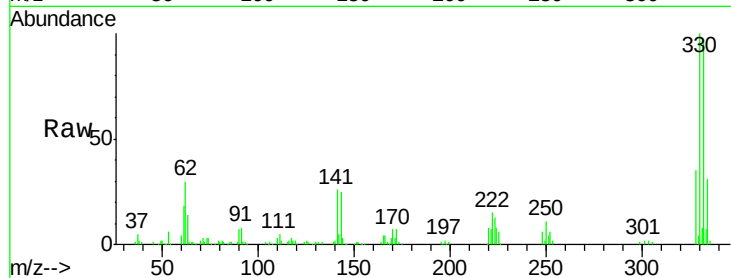




#41
 2,4,6-Tribromophenol
 Concen: 67.011 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF104954.D
 Acq: 1 May 2018 1:40

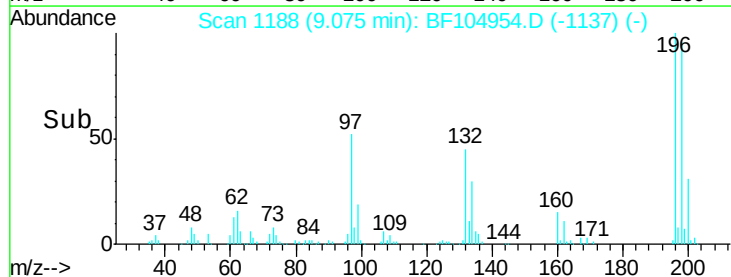
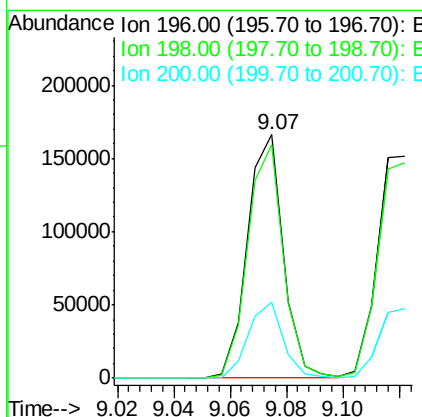
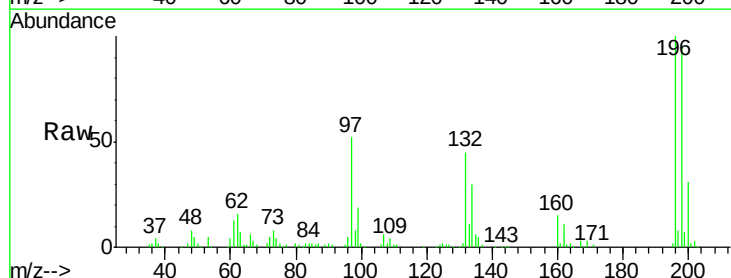
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

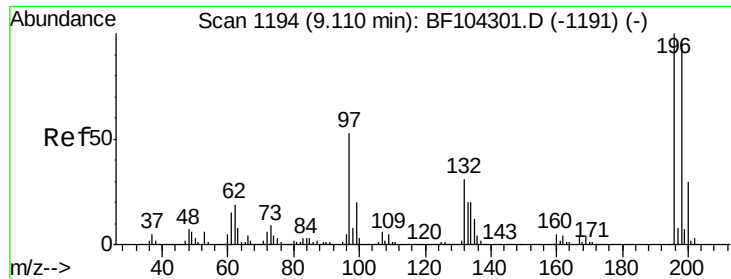
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	32.3	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 37.084 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF104954.D
 Acq: 1 May 2018 1:40

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.0	75.7	113.5
200	31.1	24.5	36.7

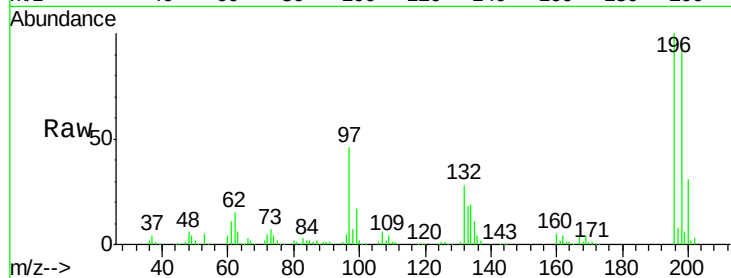




#43
 2,4,5-Trichlorophenol
 Concen: 37.425 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF104954.D
 Acq: 1 May 2018 1:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.4	74.6	112.0
97	45.9	42.9	64.3
132	28.4	26.3	39.5



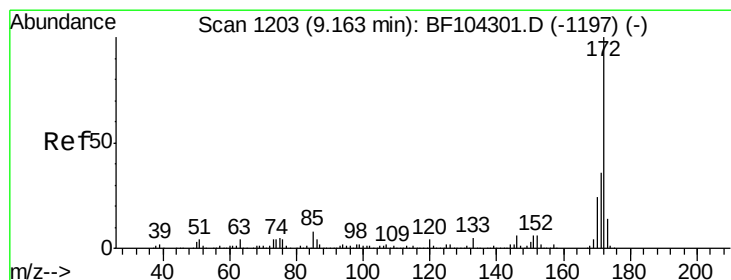
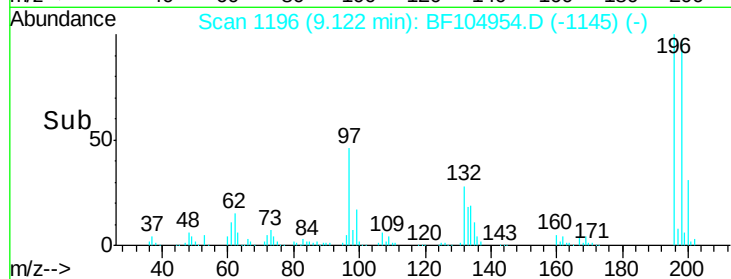
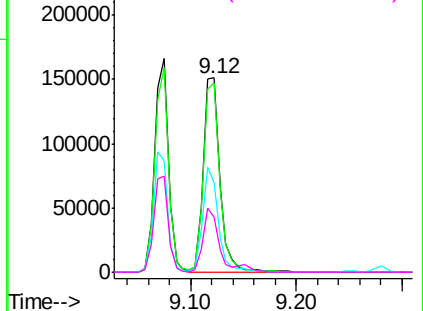
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

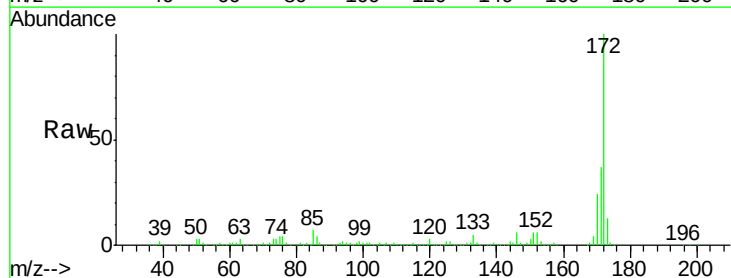
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 78.369 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF104954.D
 Acq: 1 May 2018 1:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.0	19.6	29.4

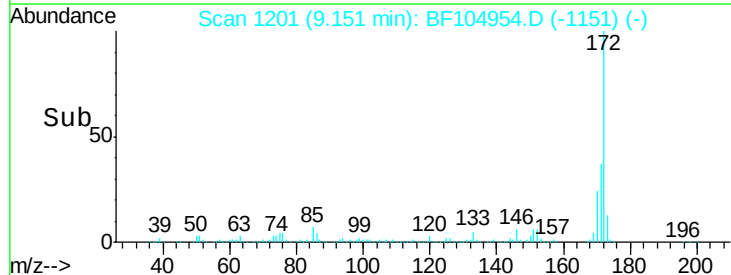
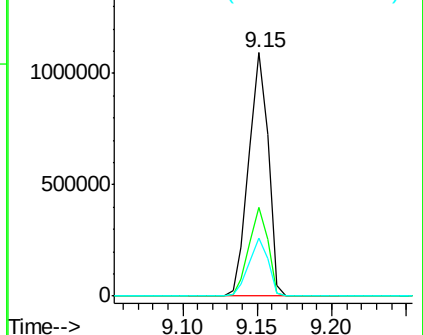


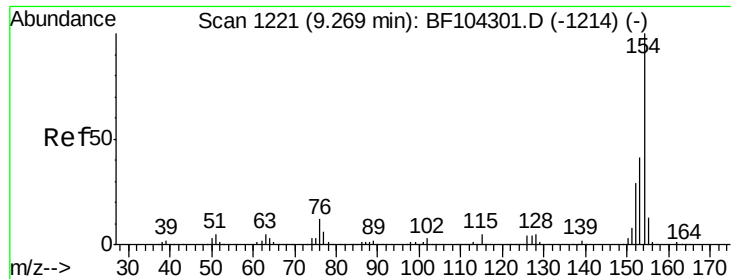
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 38.264 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BF104954.D

Acq: 1 May 2018 1:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

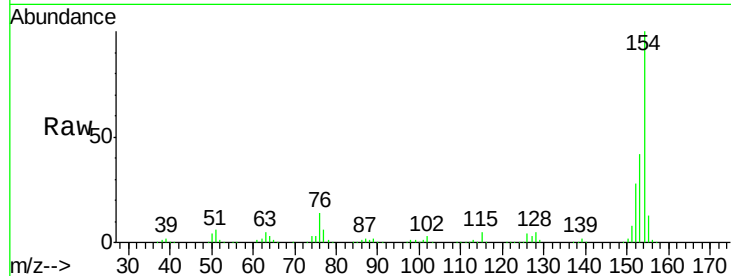
Tot Ion:154 Resp: 639277

Ion Ratio Lower Upper

154 100

153 41.6 21.3 61.3

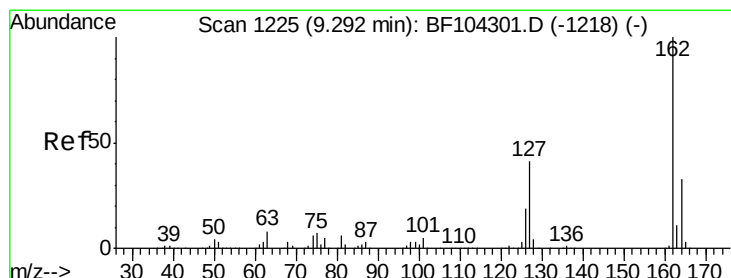
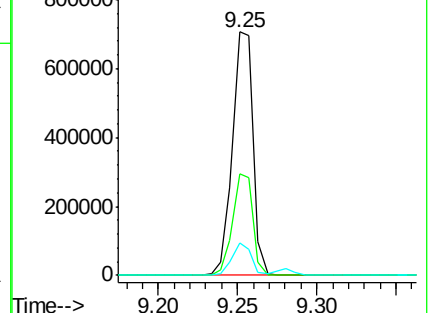
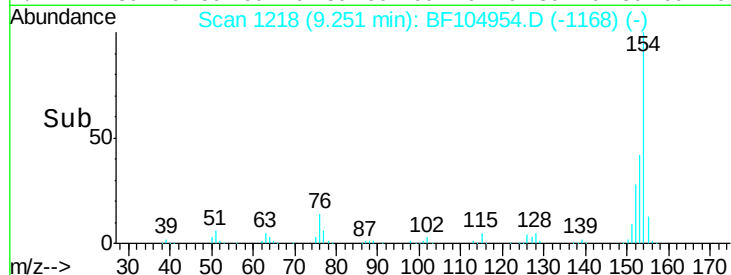
76 13.5 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 38.028 ng

RT: 9.28 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BF104954.D

Acq: 1 May 2018 1:40

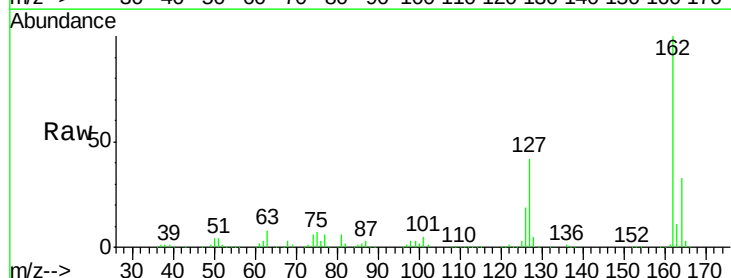
Tgt Ion:162 Resp: 501834

Ion Ratio Lower Upper

162 100

127 41.5 33.9 50.9

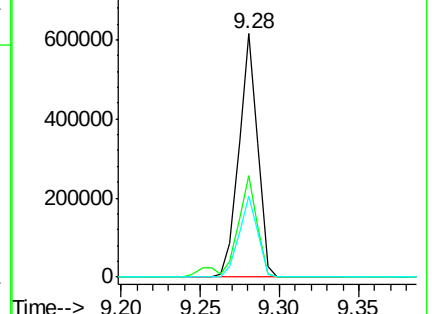
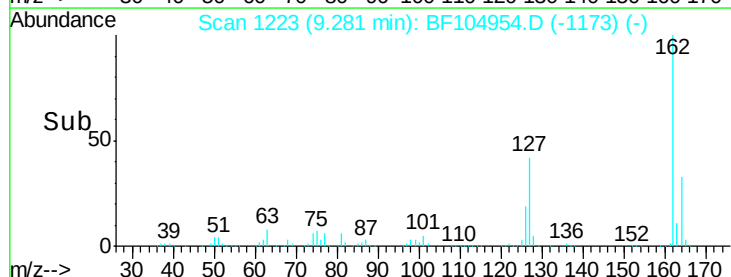
164 33.2 26.5 39.7

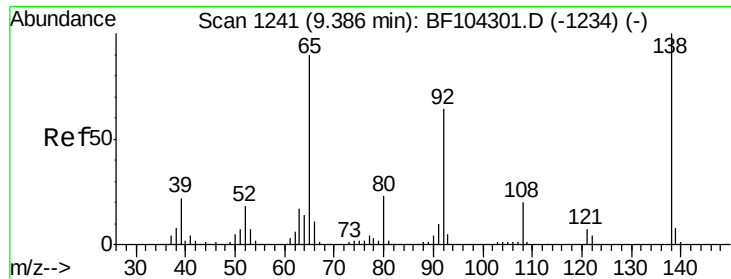


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

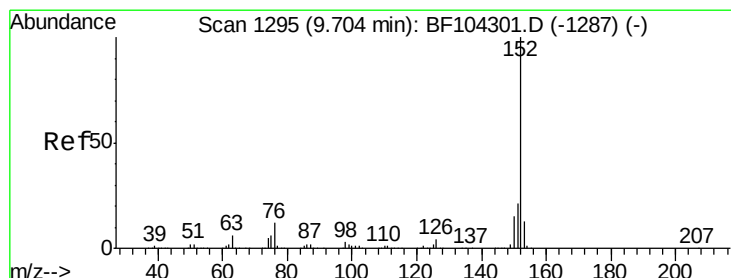
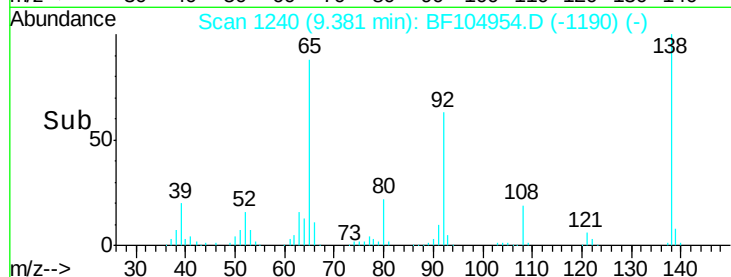
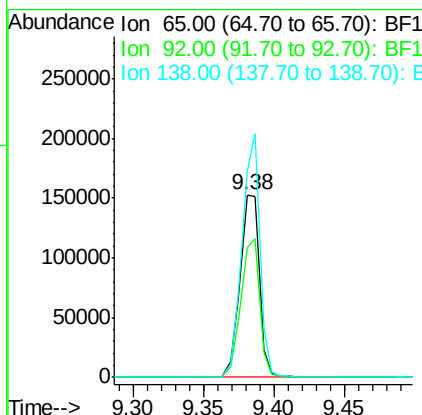
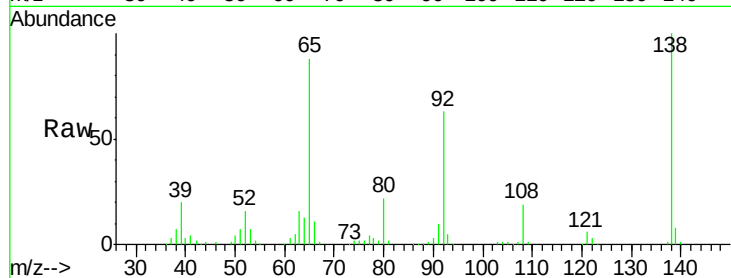




#47
2-Nitroaniline
Concen: 45.049 ng
RT: 9.38 min Scan# 1240
Delta R.T. -0.01 min
Lab File: BF104954.D
Acq: 1 May 2018 1:40

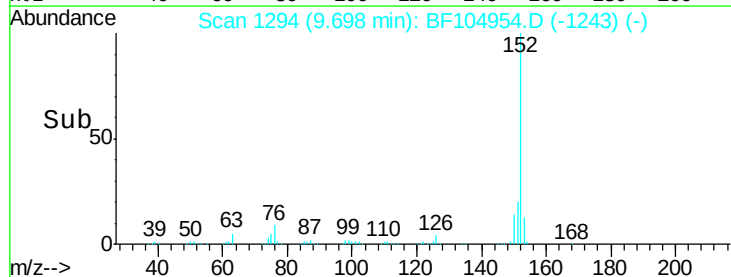
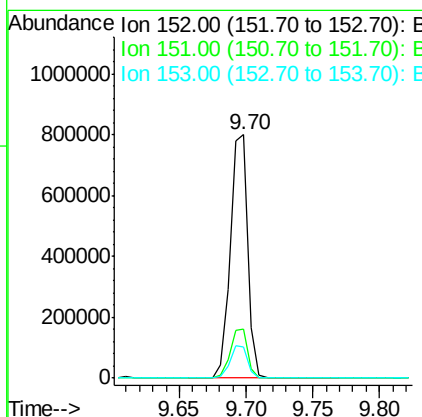
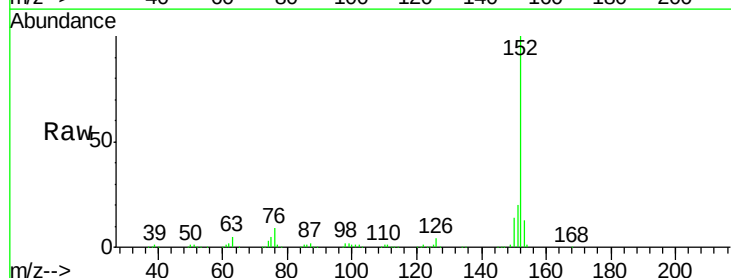
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

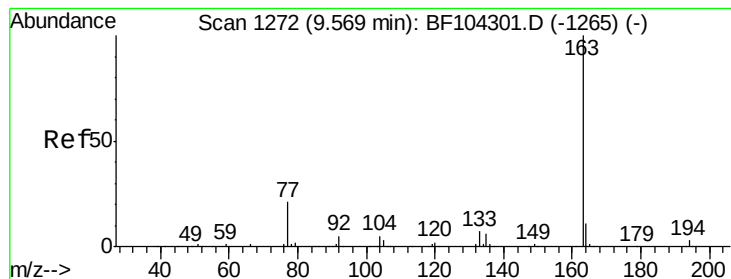
Tot Ion: 65 Resp: 147018
Ion Ratio Lower Upper
65 100
92 71.0 55.8 83.6
138 113.5 91.2 136.8



#48
Acenaphthylene
Concen: 35.919 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BF104954.D
Acq: 1 May 2018 1:40

Tgt Ion: 152 Resp: 743704
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 13.0 10.7 16.1





#49

Dimethylphthalate

Concen: 38.506 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF104954.D

Acq: 1 May 2018 1:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

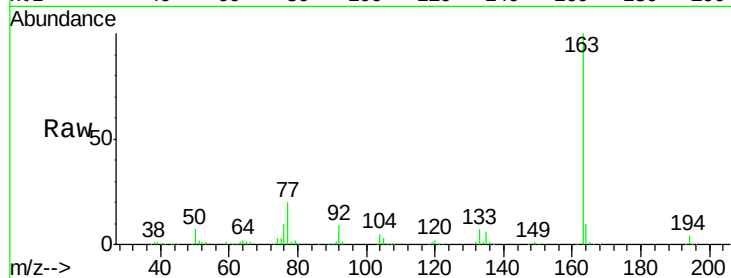
Tot Ion:163 Resp: 603898

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

164 10.4 8.2 12.2

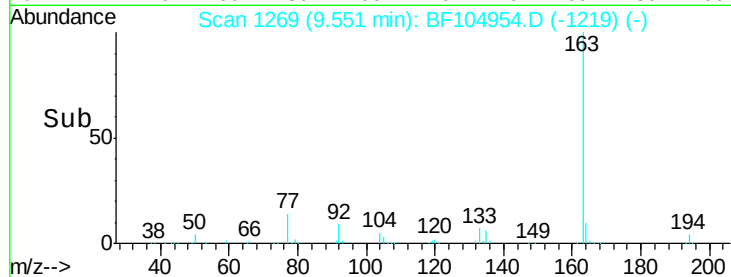


Abundance Ion 163.00 (162.70 to 163.70): E

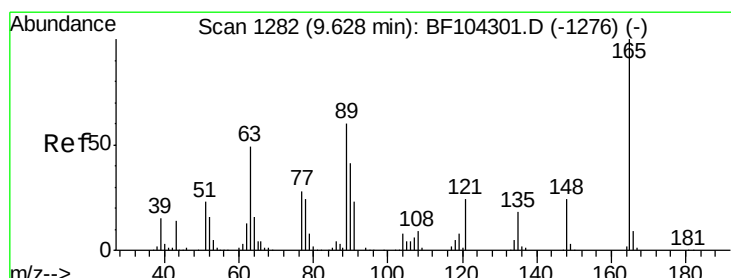
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

Time-->



Time-->



#50

2,6-Dinitrotoluene

Concen: 42.178 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF104954.D

Acq: 1 May 2018 1:40

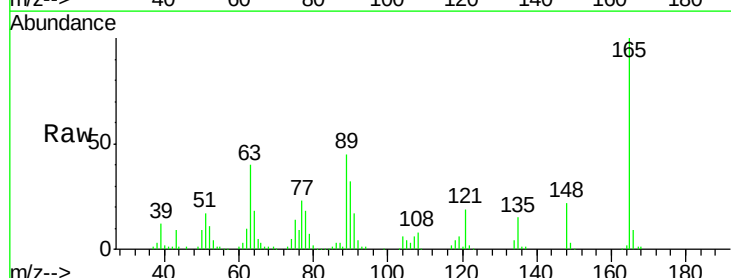
Tgt Ion:165 Resp: 122399

Ion Ratio Lower Upper

165 100

63 40.0 44.7 67.1#

89 44.6 44.0 66.0

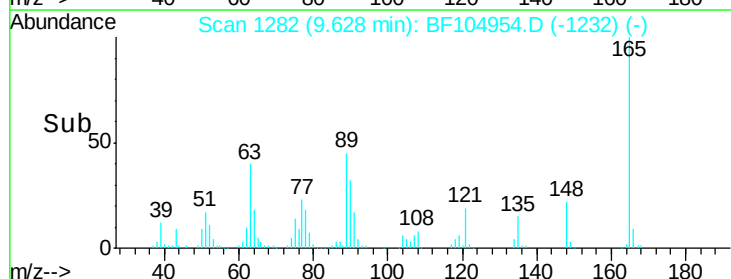


Abundance Ion 165.00 (164.70 to 165.70): E

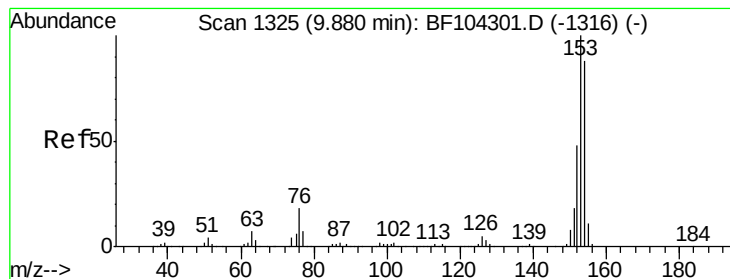
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Time-->



Time-->



#51

Acenaphthene

Concen: 34.569 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF104954.D

Acq: 1 May 2018 1:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

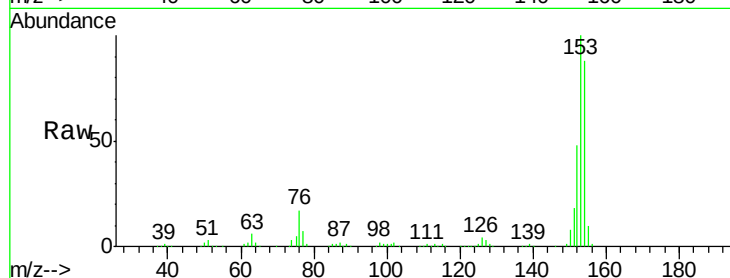
Tot Ion:154 Resp: 436699

Ion Ratio Lower Upper

154 100

153 114.2 91.2 136.8

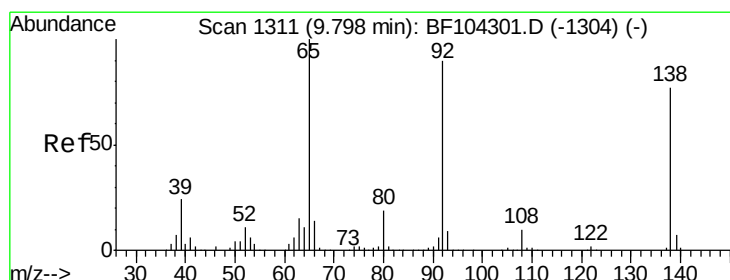
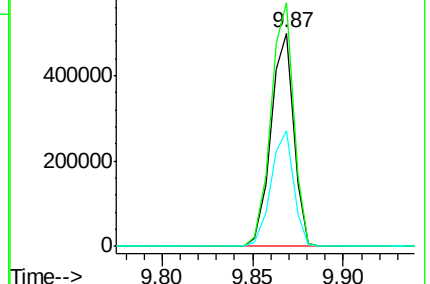
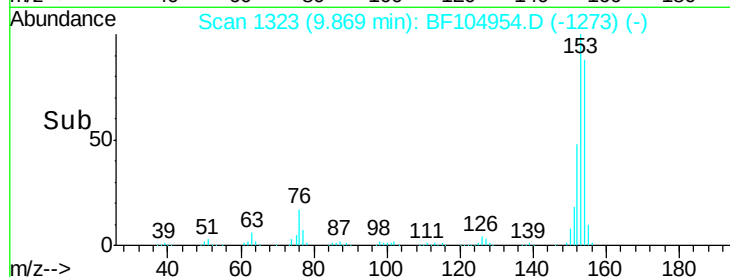
152 54.4 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 43.239 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF104954.D

Acq: 1 May 2018 1:40

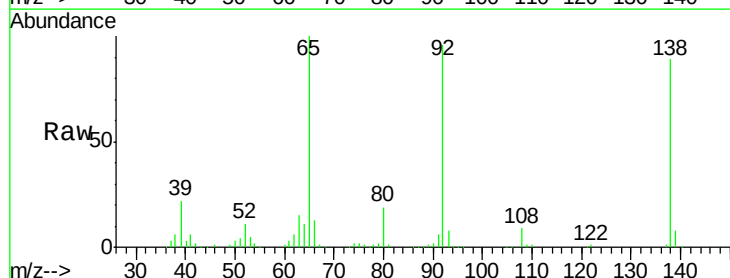
Tgt Ion:138 Resp: 146898

Ion Ratio Lower Upper

138 100

108 10.2 9.4 14.0

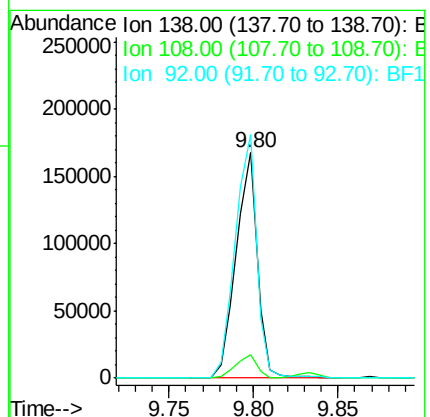
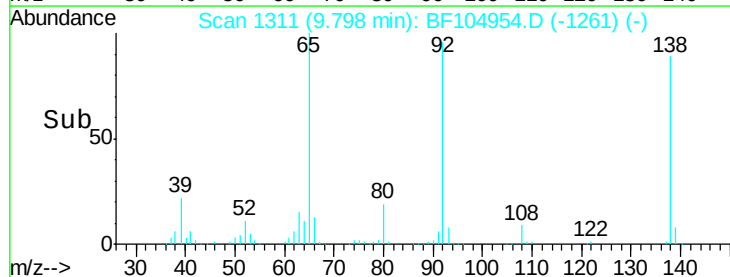
92 107.9 89.4 134.2

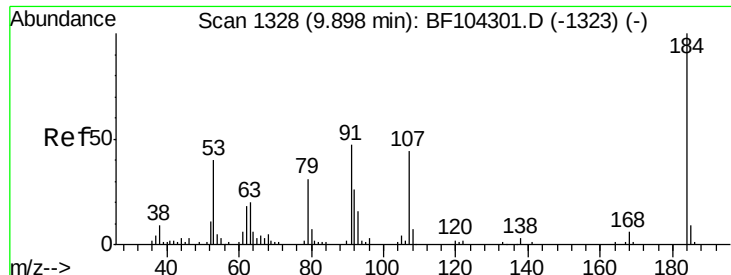


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

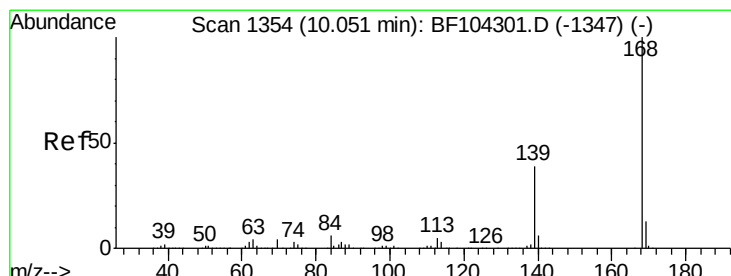
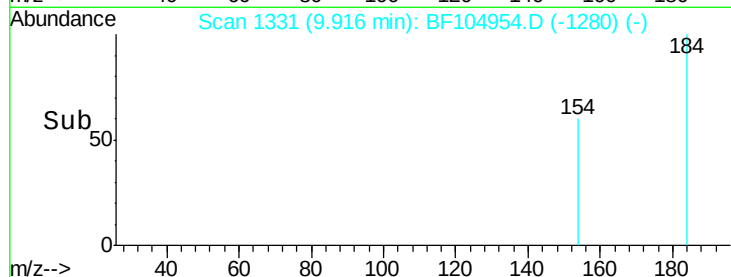
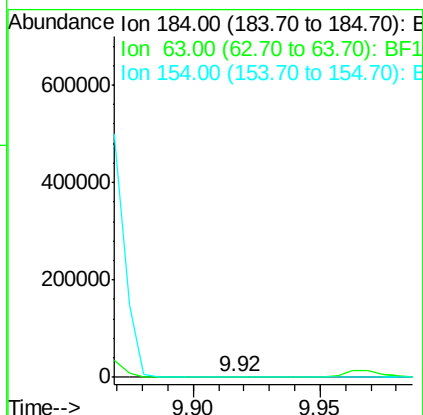
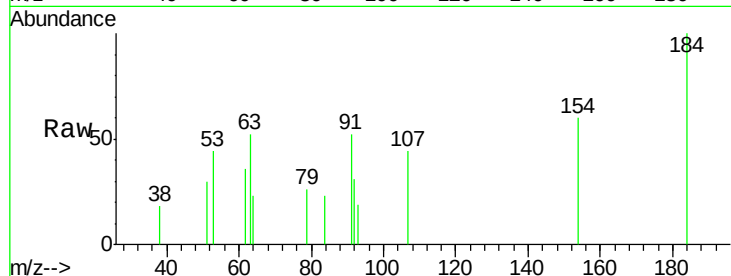




#53
 2,4-Dinitrophenol
 Concen: 8.215 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.00 min
 Lab File: BF104954.D
 Acq: 1 May 2018 1:40

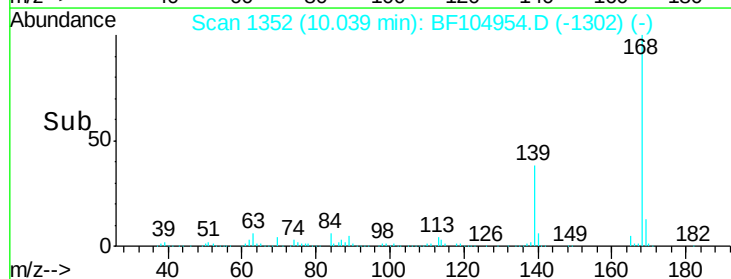
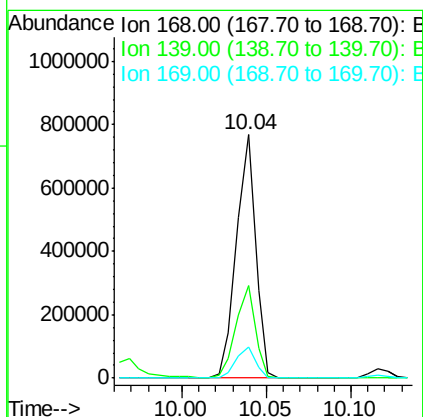
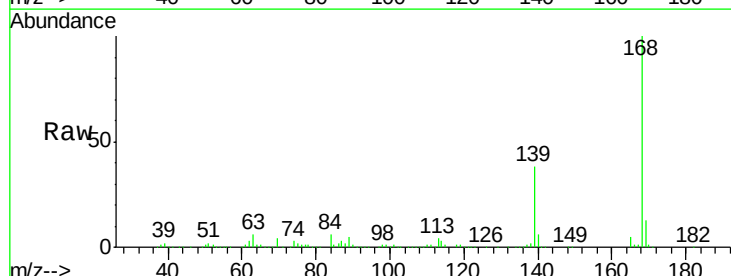
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

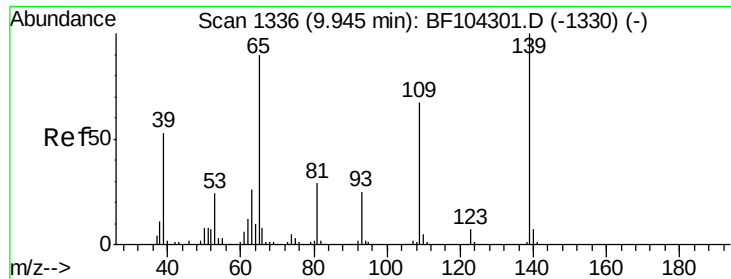
Tot Ion:184 Resp: 2491
 Ion Ratio Lower Upper
 184 100
 63 51.7 54.2 81.2#
 154 60.3 184.0 276.0#



#54
 Dibenzofuran
 Concen: 34.726 ng
 RT: 10.04 min Scan# 1352
 Delta R.T. -0.01 min
 Lab File: BF104954.D
 Acq: 1 May 2018 1:40

Tgt Ion:168 Resp: 611349
 Ion Ratio Lower Upper
 168 100
 139 38.2 30.1 45.1
 169 13.1 10.9 16.3

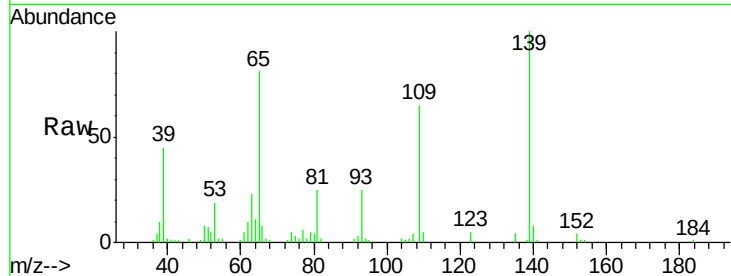




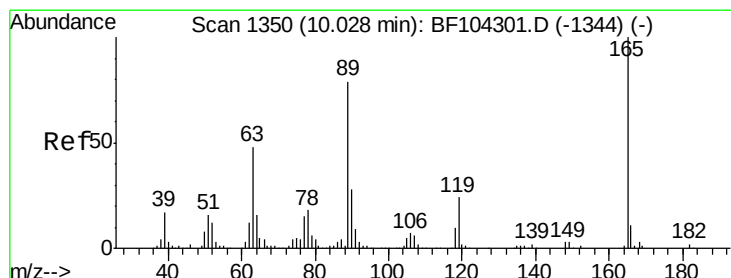
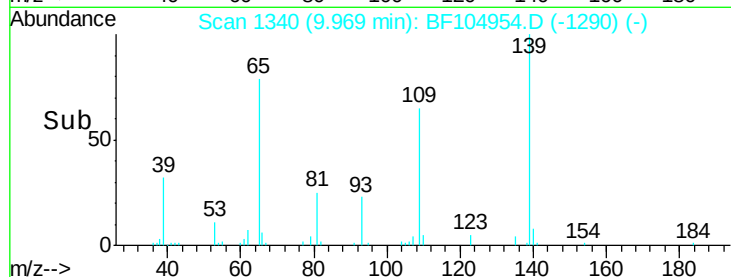
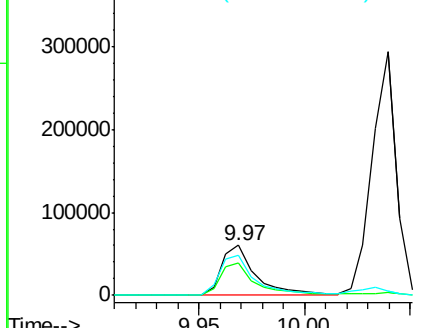
#55
4-Nitrophenol
Concen: 25.679 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF104954.D
Acq: 1 May 2018 1:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:139 Resp: 68531
Ion Ratio Lower Upper
139 100
109 65.2 48.4 88.4
65 81.4 72.6 112.6

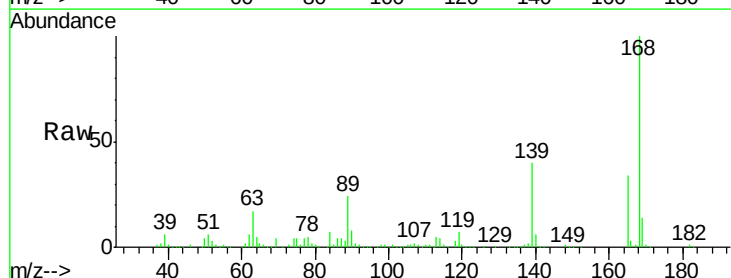


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

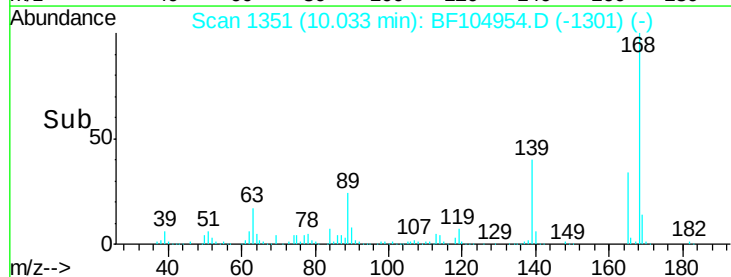
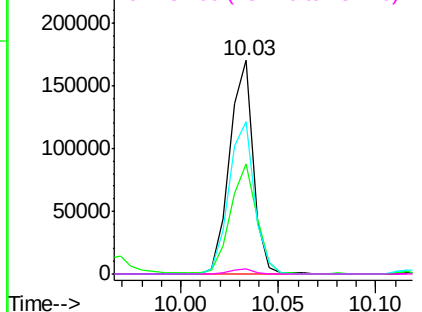


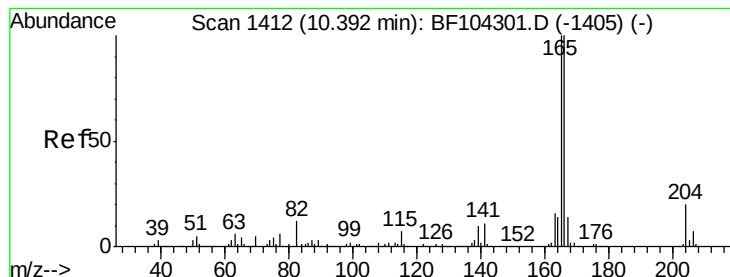
#56
2,4-Dinitrotoluene
Concen: 37.499 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF104954.D
Acq: 1 May 2018 1:40

Tgt Ion:165 Resp: 142744
Ion Ratio Lower Upper
165 100
63 51.8 36.4 54.6
89 71.1 57.8 86.6
182 2.5 1.6 2.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 37.961 ng

RT: 10.38 min Scan# 1410

Delta R.T. -0.01 min

Lab File: BF104954.D

Acq: 1 May 2018 1:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

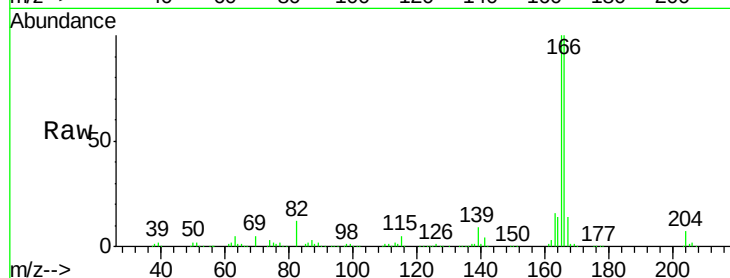
Tot Ion:166 Resp: 486443

Ion Ratio Lower Upper

166 100

165 100.1 79.8 119.8

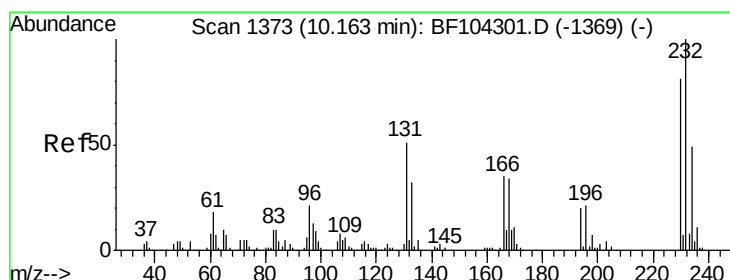
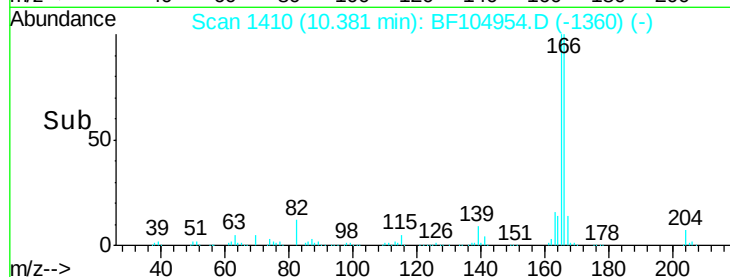
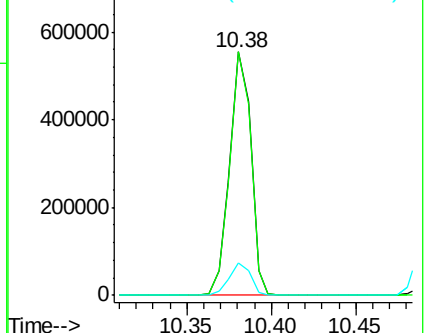
167 13.6 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 31.172 ng

RT: 10.16 min Scan# 1373

Delta R.T. 0.00 min

Lab File: BF104954.D

Acq: 1 May 2018 1:40

Tgt Ion:232 Resp: 102848

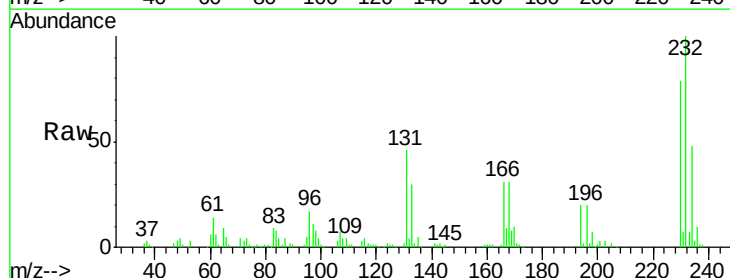
Ion Ratio Lower Upper

232 100

131 49.2 43.8 65.8

130 2.4 2.1 3.1

166 33.7 27.8 41.6

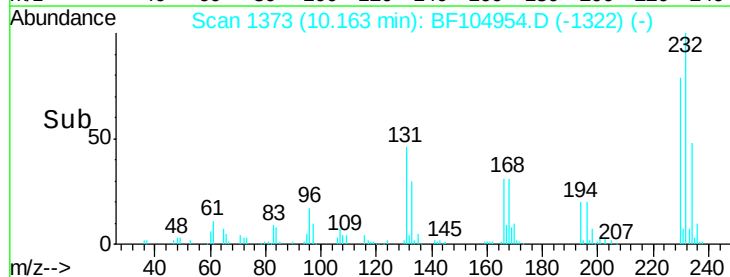
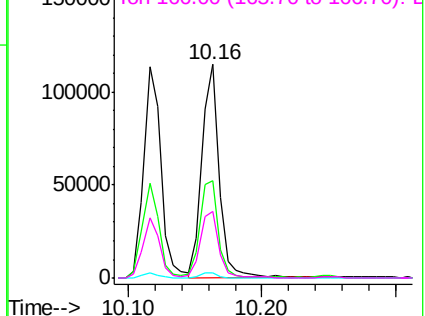


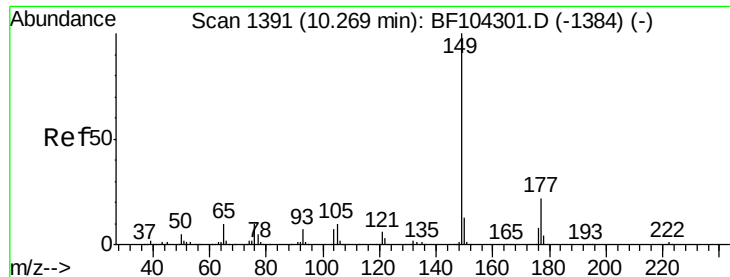
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 36.445 ng

RT: 10.25 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BF104954.D

Acq: 1 May 2018 1:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

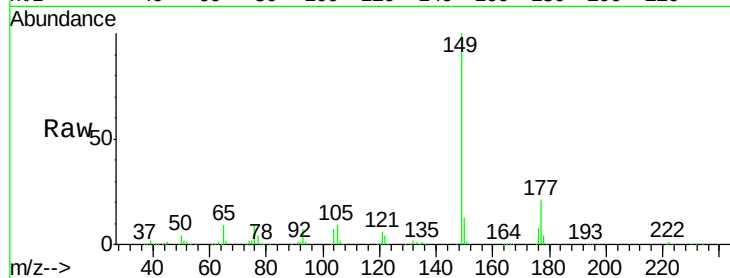
Tot Ion:149 Resp: 569241

Ion Ratio Lower Upper

149 100

177 21.2 16.1 24.1

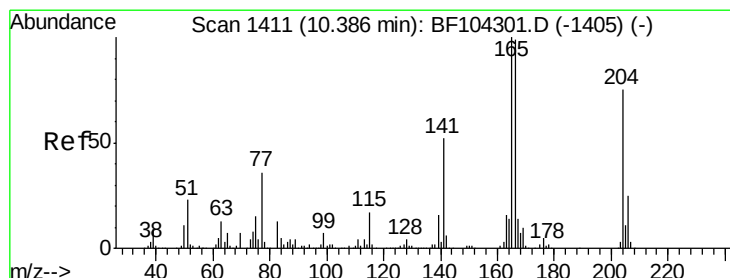
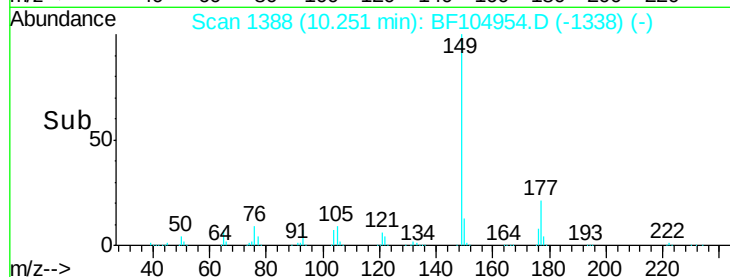
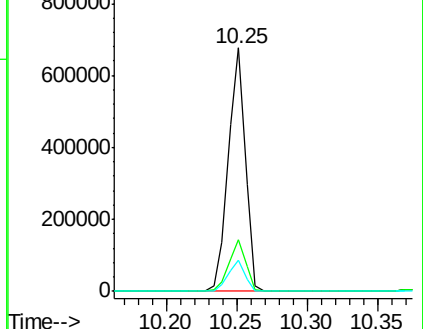
150 12.6 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.107 ng

RT: 10.37 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BF104954.D

Acq: 1 May 2018 1:40

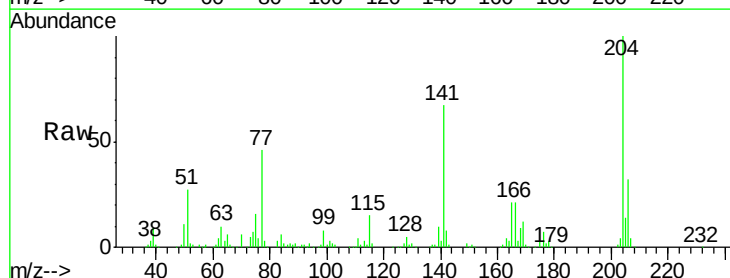
Tgt Ion:204 Resp: 234592

Ion Ratio Lower Upper

204 100

206 31.8 26.5 39.7

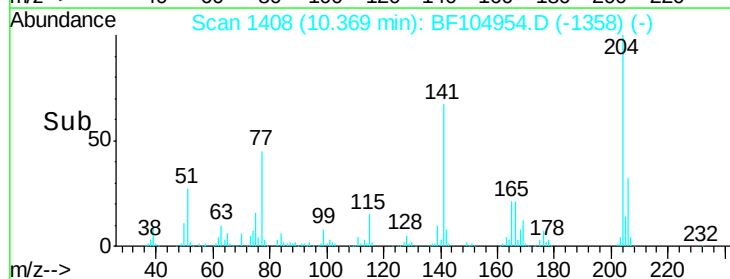
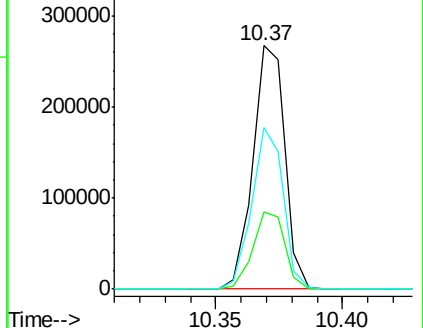
141 66.6 54.6 81.8

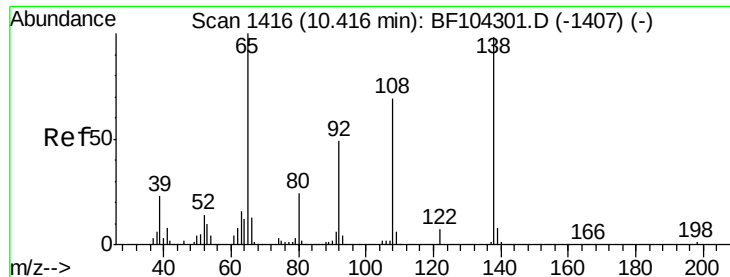


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

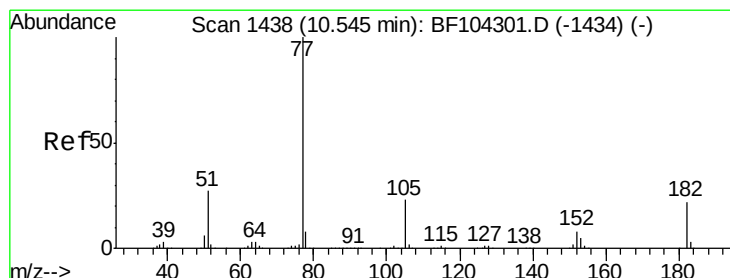
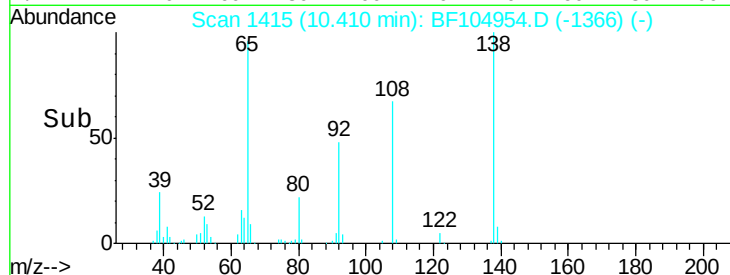
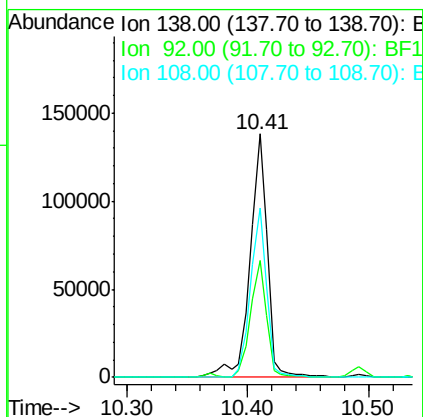
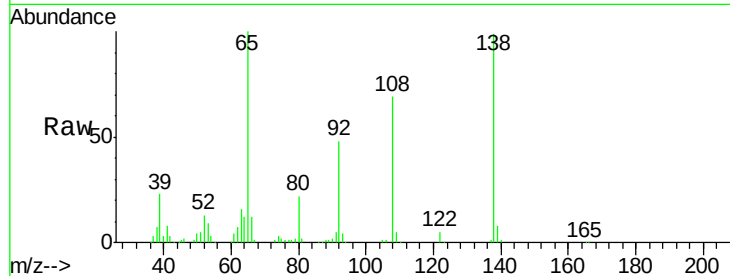




#61
4-Nitroaniline
Concen: 41.737 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF104954.D
Acq: 1 May 2018 1:40

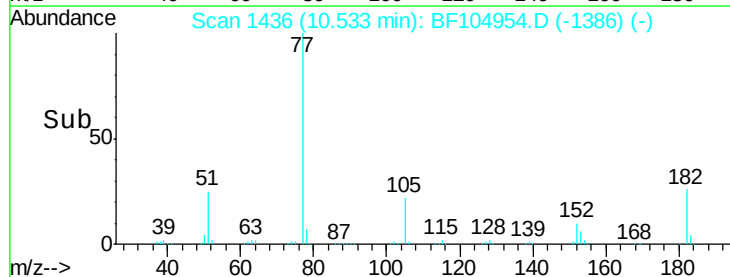
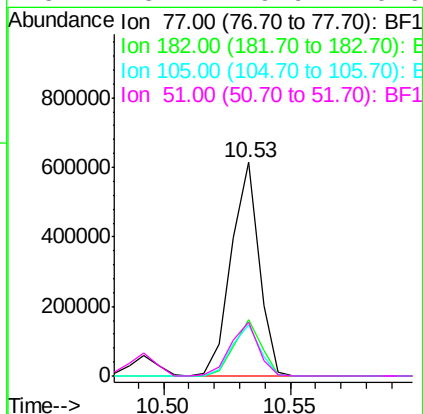
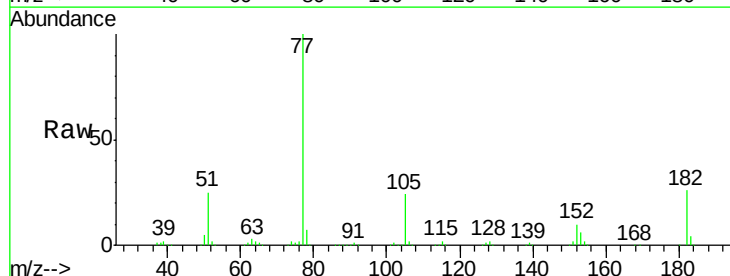
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

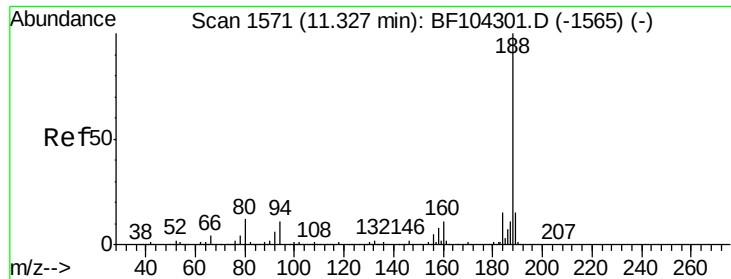
Tot Ion:138 Resp: 138642
Ion Ratio Lower Upper
138 100
92 48.2 30.2 70.2
108 69.5 52.5 92.5



#62
Azobenzene
Concen: 31.327 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF104954.D
Acq: 1 May 2018 1:40

Tgt Ion: 77 Resp: 467482
Ion Ratio Lower Upper
77 100
182 26.1 1.7 41.7
105 24.2 3.0 43.0
51 25.1 9.9 49.9

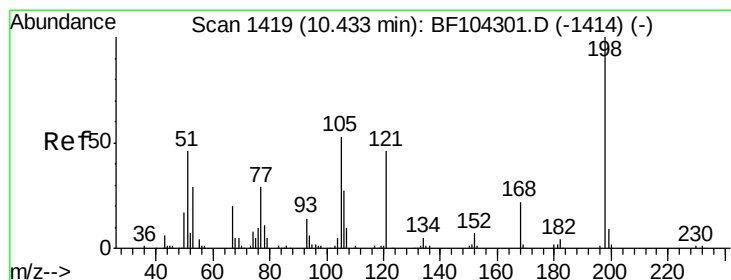
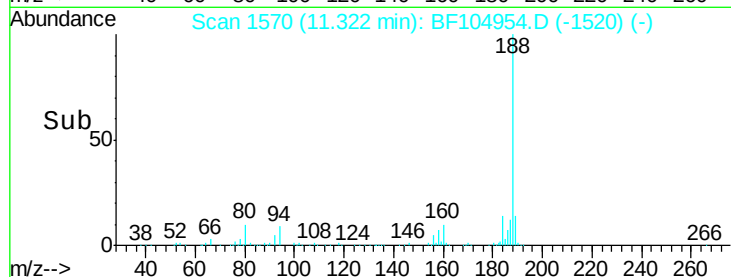
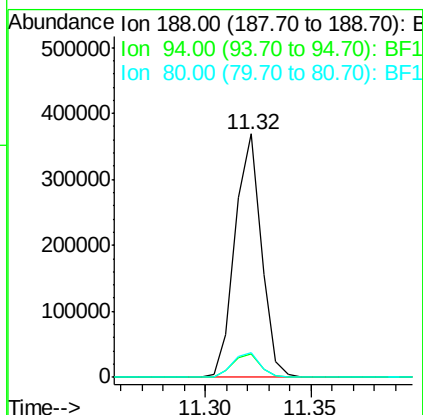
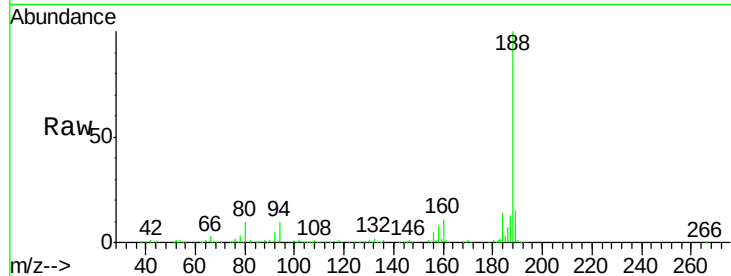




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF104954.D
Acq: 1 May 2018 1:40

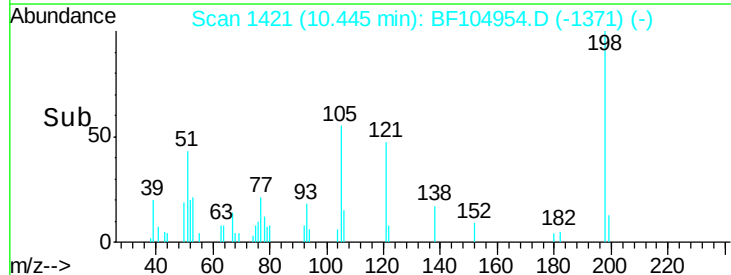
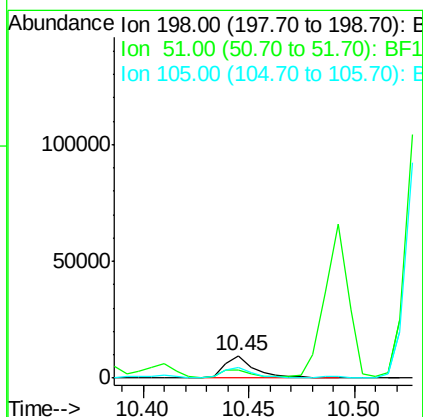
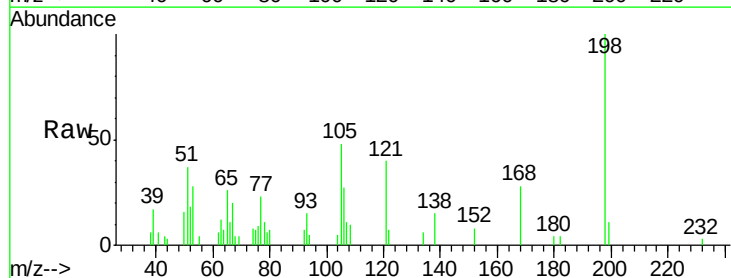
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

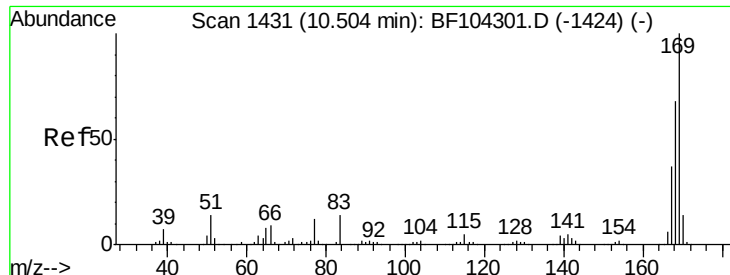
Tot Ion:188 Resp: 316926
Ion Ratio Lower Upper
188 100
94 9.8 8.5 12.7
80 10.1 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 12.463 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF104954.D
Acq: 1 May 2018 1:40

Tgt Ion:198 Resp: 9324
Ion Ratio Lower Upper
198 100
51 37.5 37.7 77.7#
105 47.8 36.3 76.3

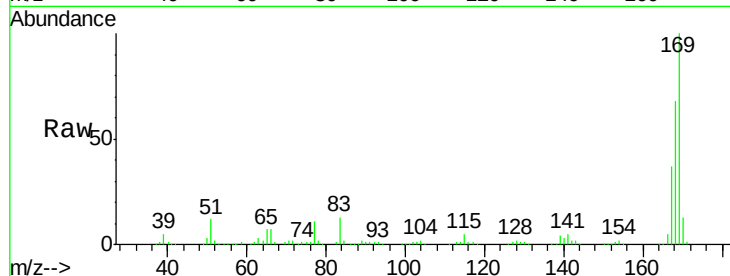




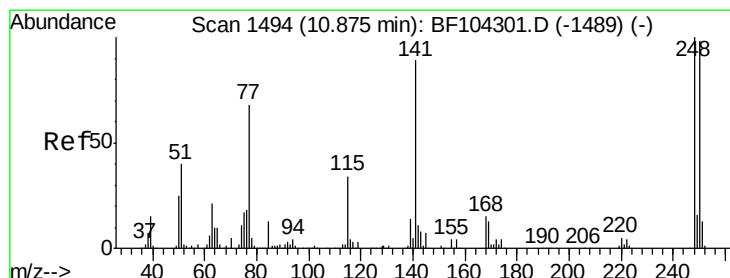
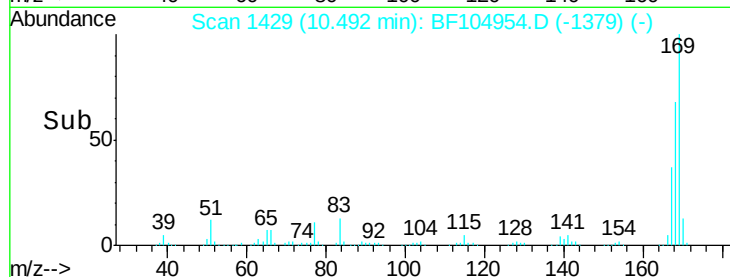
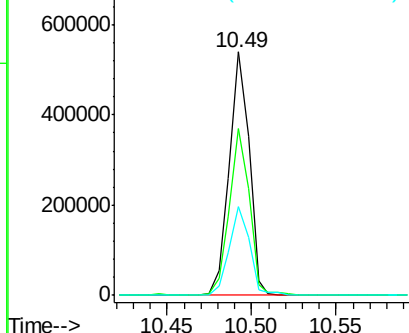
#65
 n-Nitrosodiphenylamine
 Concen: 40.157 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.01 min
 Lab File: BF104954.D
 Acq: 1 May 2018 1:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:169 Resp: 441269
 Ion Ratio Lower Upper
 169 100
 168 68.3 54.4 81.6
 167 36.7 29.8 44.6

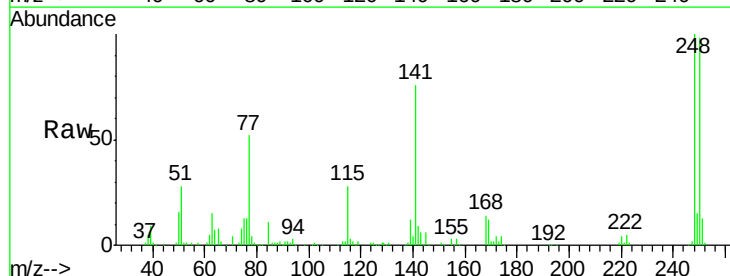


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

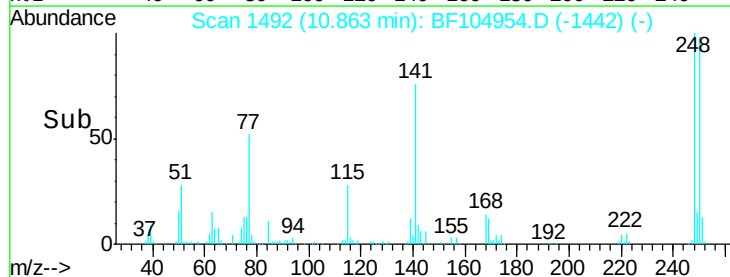
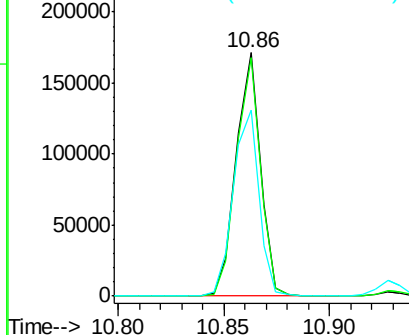


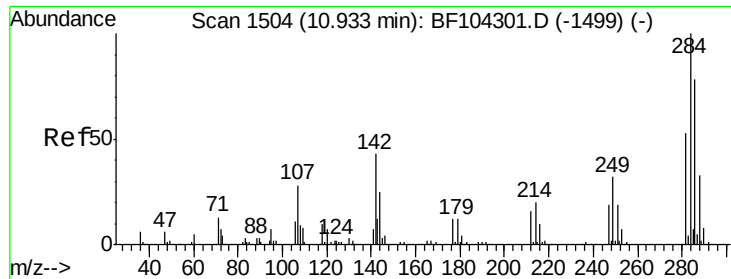
#66
 4-Bromophenyl-phenylether
 Concen: 40.546 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BF104954.D
 Acq: 1 May 2018 1:40

Tgt Ion:248 Resp: 136682
 Ion Ratio Lower Upper
 248 100
 250 98.1 76.9 115.3
 141 76.4 74.4 111.6



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 38.868 ng

RT: 10.93 min Scan# 1504

Delta R.T. -0.01 min

Lab File: BF104954.D

Acq: 1 May 2018 1:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

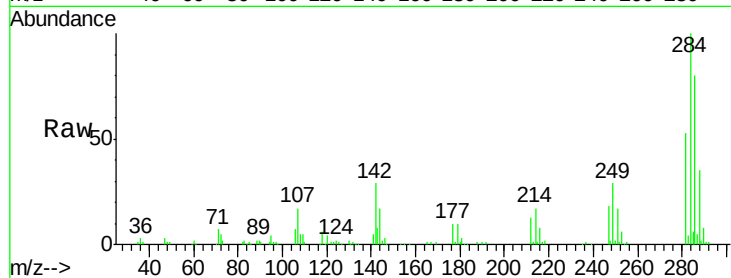
Tot Ion:284 Resp: 147434

Ion Ratio Lower Upper

284 100

142 29.4 34.6 52.0#

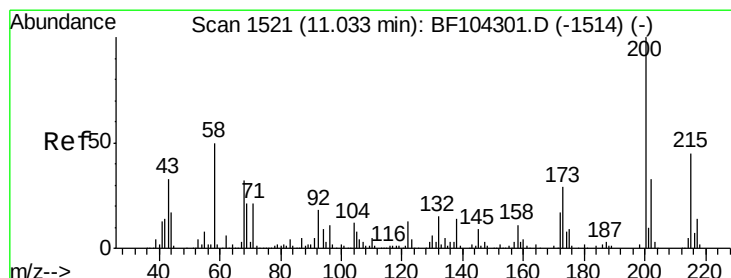
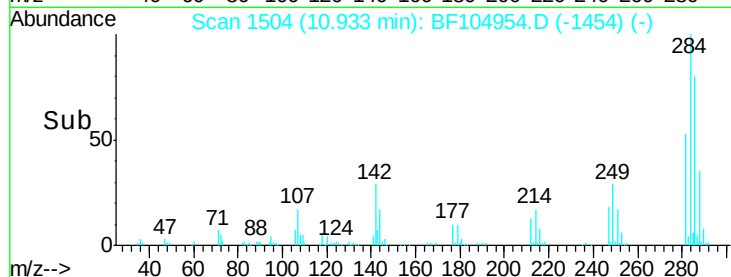
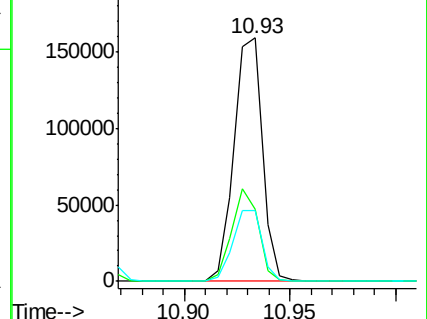
249 29.0 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 35.618 ng

RT: 11.02 min Scan# 1519

Delta R.T. -0.01 min

Lab File: BF104954.D

Acq: 1 May 2018 1:40

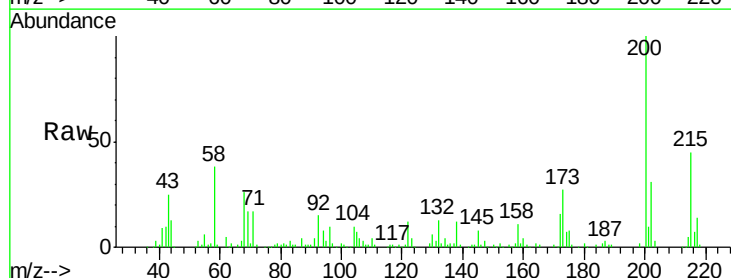
Tgt Ion:200 Resp: 118139

Ion Ratio Lower Upper

200 100

173 27.4 8.6 48.6

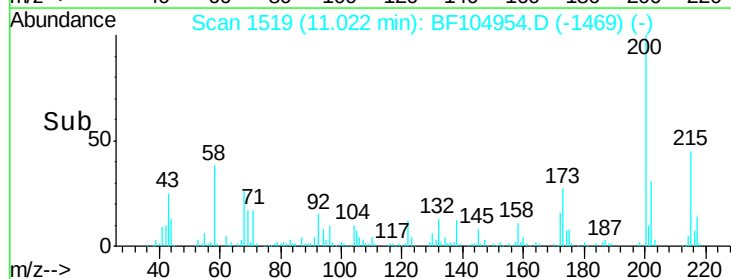
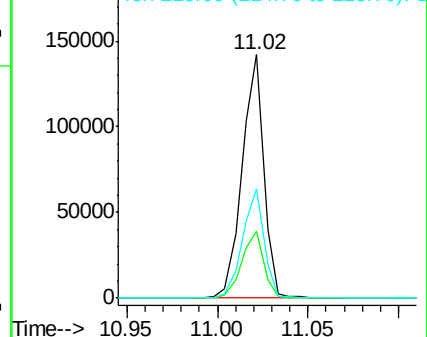
215 45.0 25.1 65.1

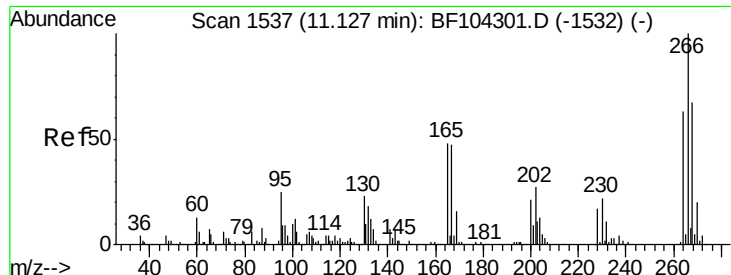


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

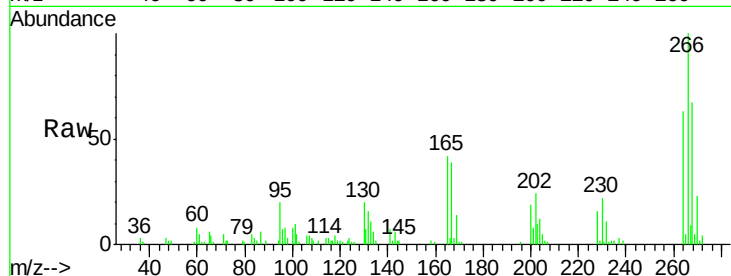




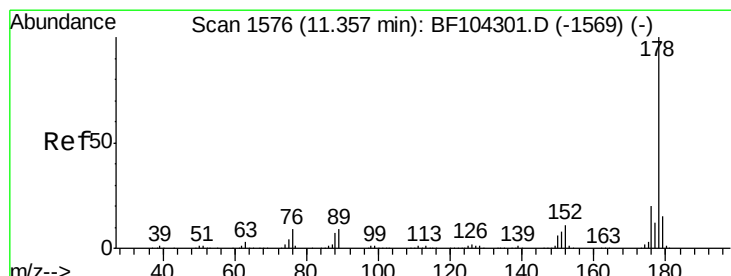
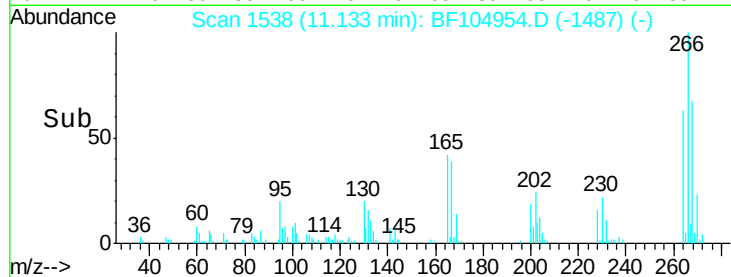
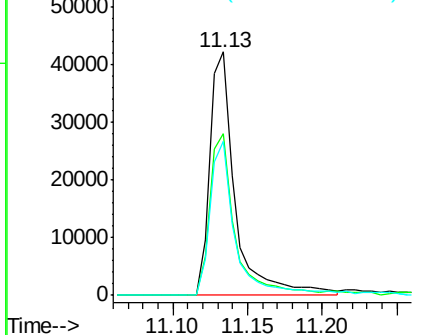
#69
Pentachlorophenol
 Concen: 21.202 ng
 RT: 11.13 min Scan# 1538
 Delta R.T. 0.00 min
 Lab File: BF104954.D
 Acq: 1 May 2018 1:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:266 Resp: 49754
 Ion Ratio Lower Upper
 266 100
 268 66.5 51.1 76.7
 264 63.4 49.5 74.3

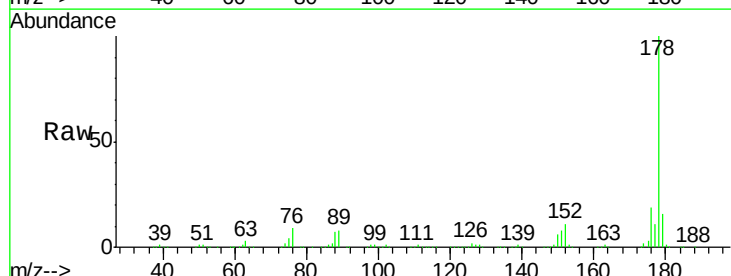


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

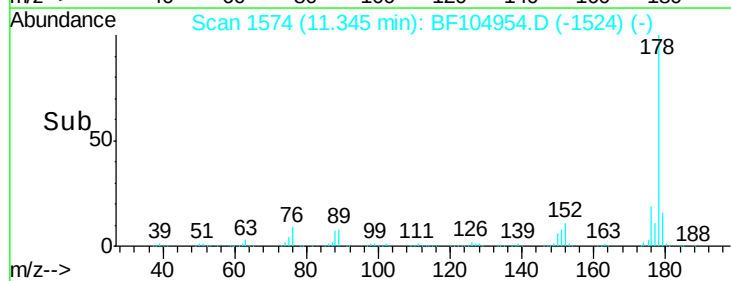
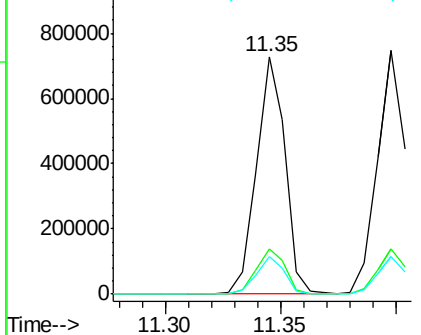


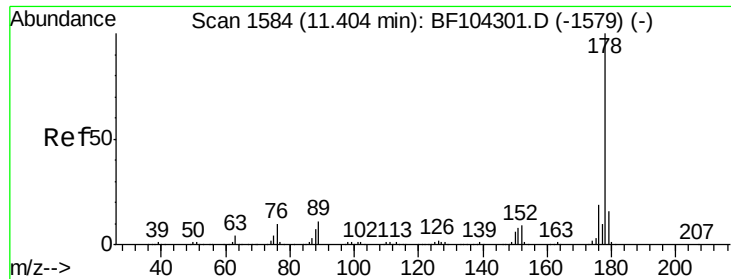
#70
Phenanthrene
 Concen: 35.619 ng
 RT: 11.35 min Scan# 1574
 Delta R.T. -0.01 min
 Lab File: BF104954.D
 Acq: 1 May 2018 1:40

Tgt Ion:178 Resp: 628662
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.8 23.8
 179 15.6 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

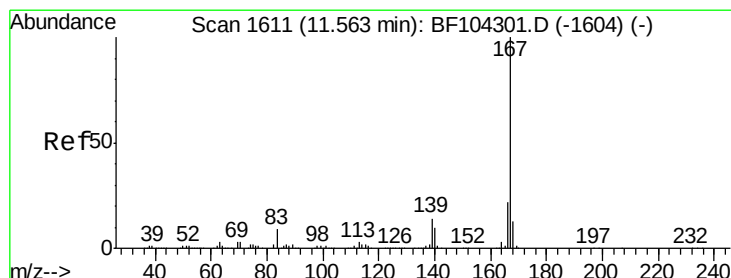
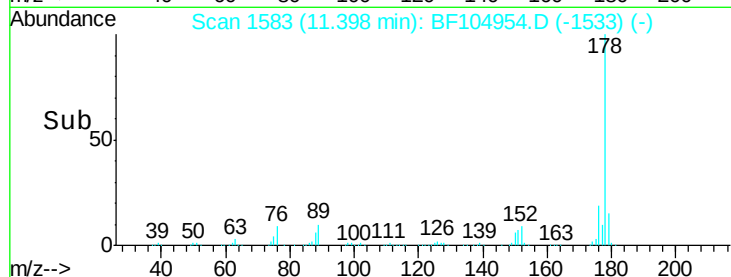
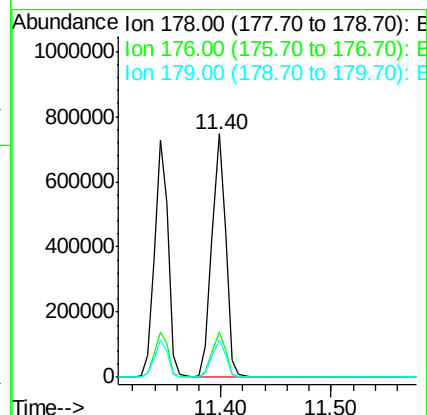
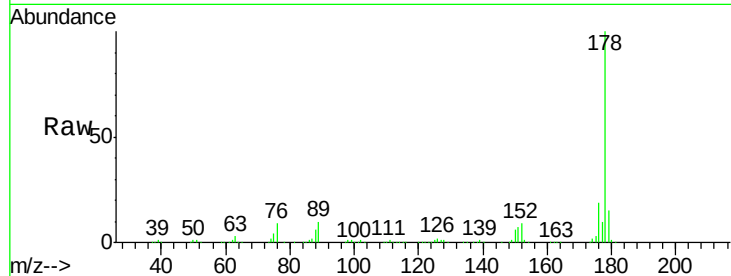




#71
 Anthracene
 Concen: 35.345 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF104954.D
 Acq: 1 May 2018 1:40

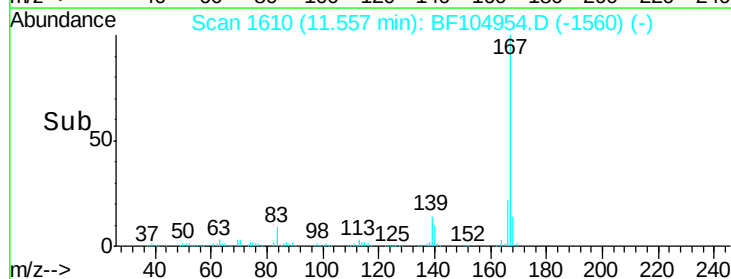
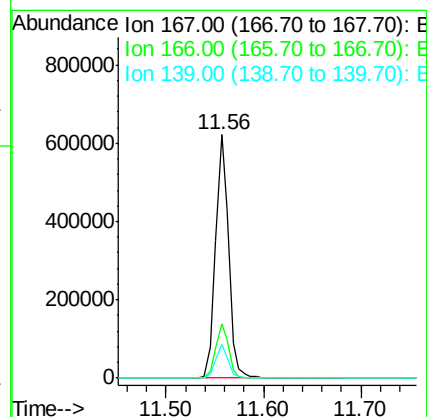
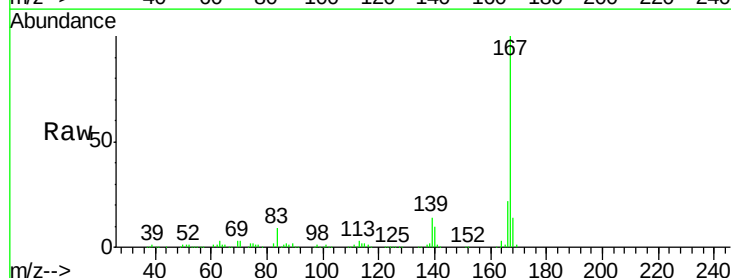
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

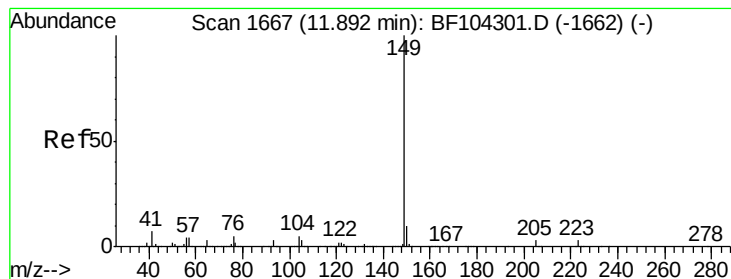
Tot Ion:178 Resp: 634111
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.4 23.2
 179 15.5 12.6 19.0



#72
 Carbazole
 Concen: 32.885 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BF104954.D
 Acq: 1 May 2018 1:40

Tgt Ion:167 Resp: 576511
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 13.6 10.9 16.3





#73

Di-n-butylphthalate

Concen: 37.564 ng

RT: 11.87 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BF104954.D

Acq: 1 May 2018 1:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

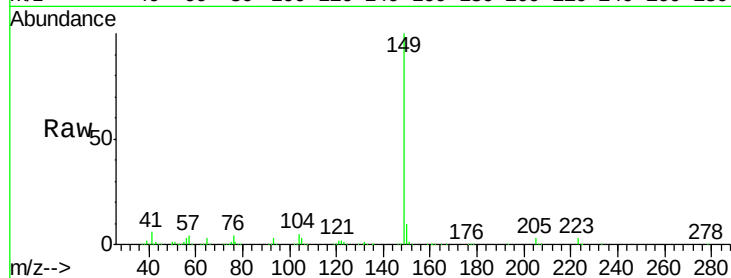
Tot Ion:149 Resp: 804444

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

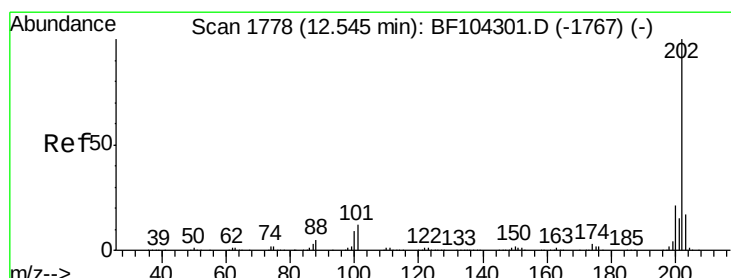
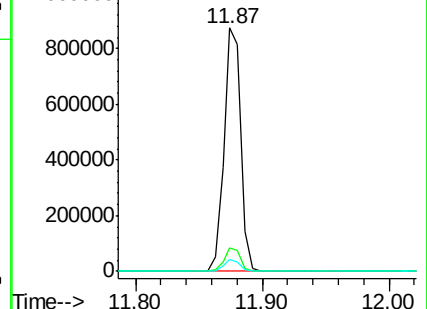
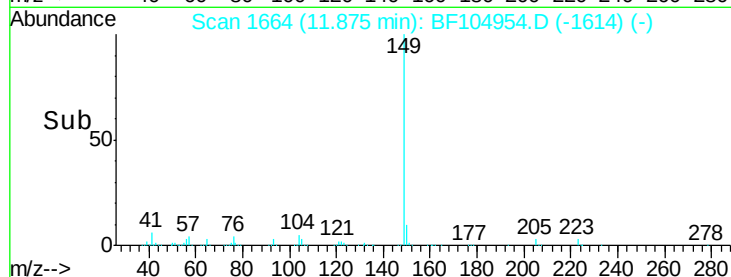
104 4.8 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 30.790 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BF104954.D

Acq: 1 May 2018 1:40

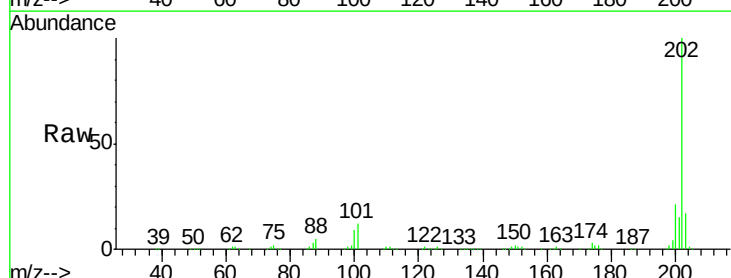
Tgt Ion:202 Resp: 567766

Ion Ratio Lower Upper

202 100

101 11.7 0.0 34.1

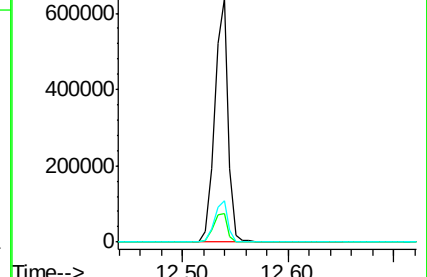
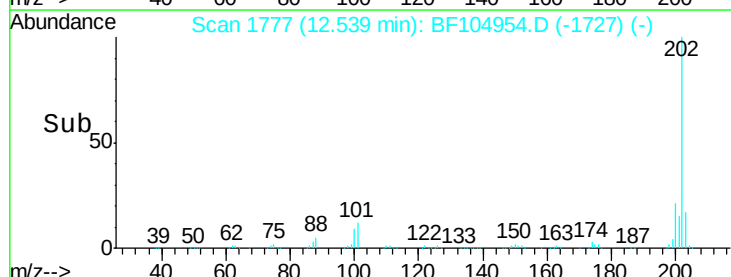
203 17.2 0.0 38.1

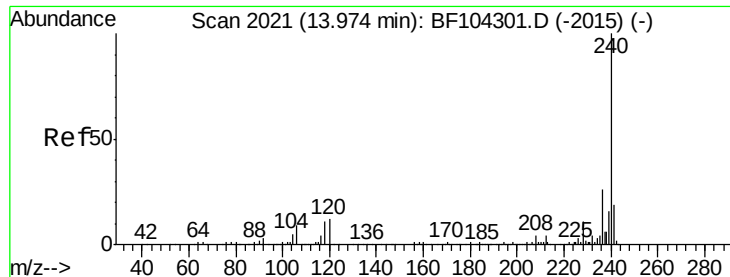


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF104954.D

Acq: 1 May 2018 1:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

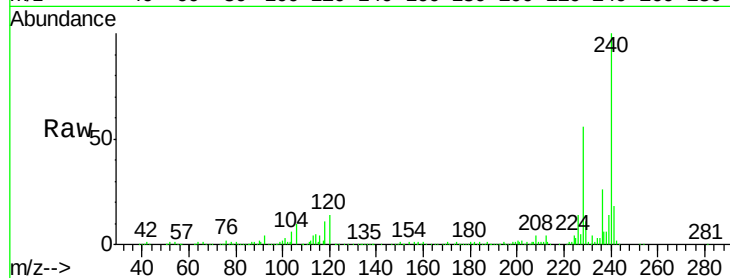
Tot Ion:240 Resp: 216401

Ion Ratio Lower Upper

240 100

120 13.8 9.5 14.3

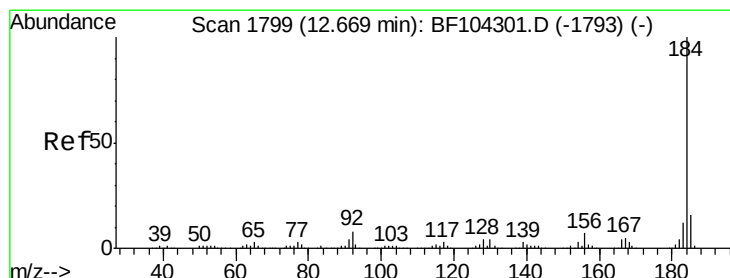
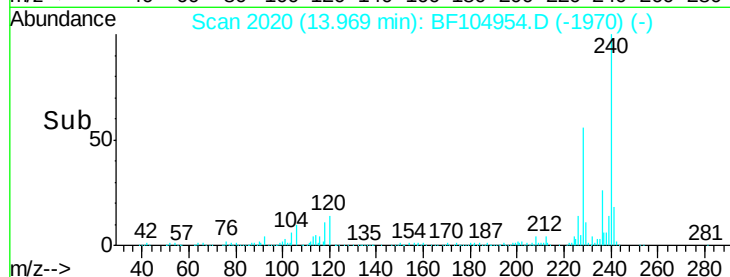
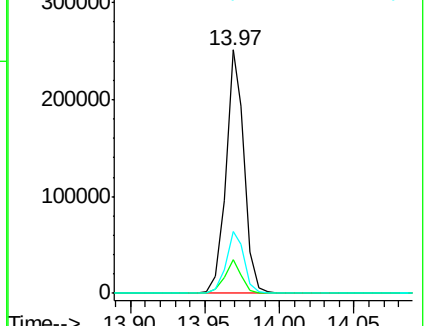
236 25.6 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 30.797 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.00 min

Lab File: BF104954.D

Acq: 1 May 2018 1:40

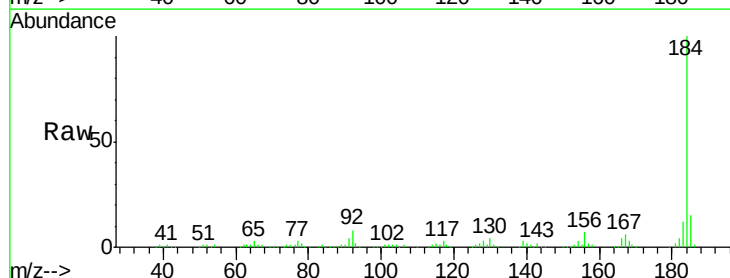
Tgt Ion:184 Resp: 242151

Ion Ratio Lower Upper

184 100

185 14.8 12.6 18.8

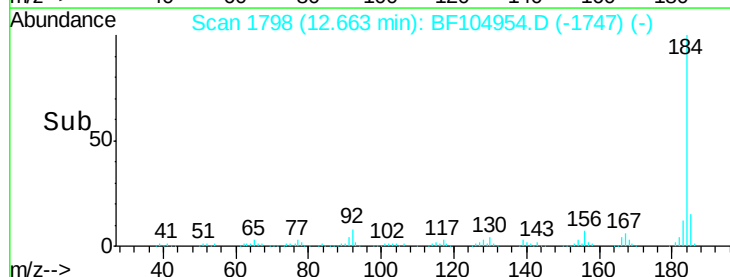
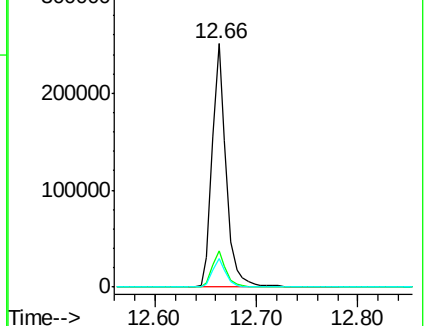
183 11.9 9.3 13.9

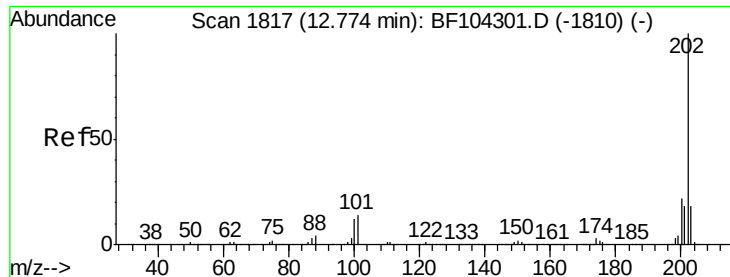


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

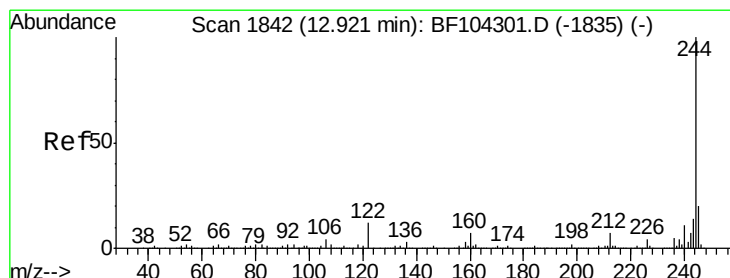
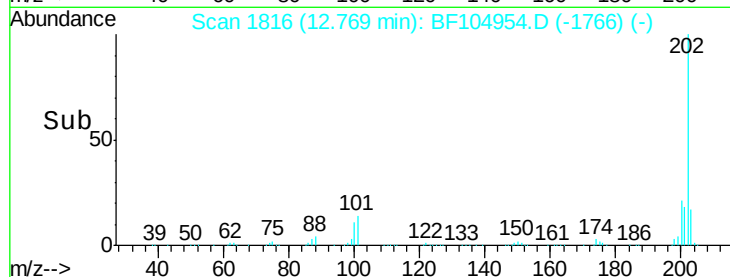
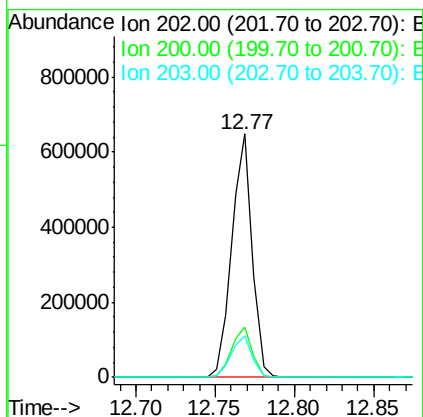
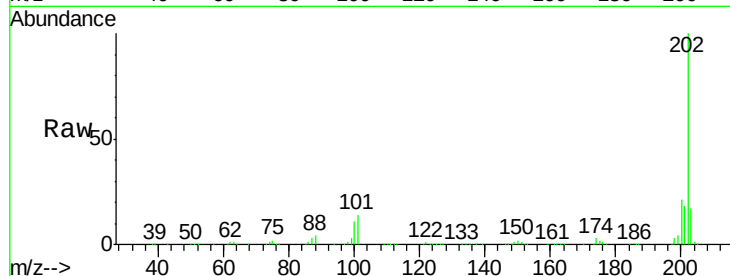




#77
 Pvrene
 Concen: 36.013 ng
 RT: 12.77 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BF104954.D
 Acq: 1 May 2018 1:40

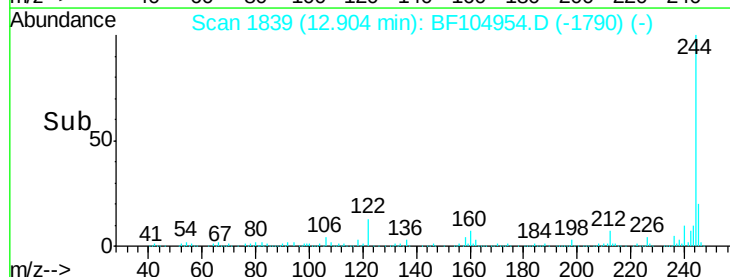
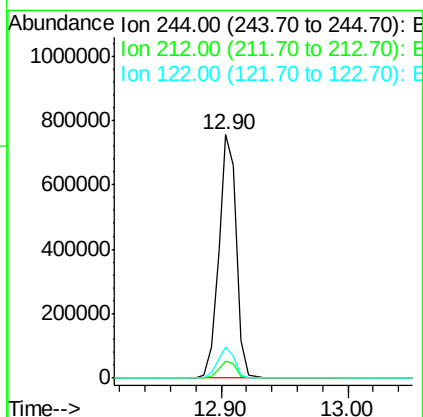
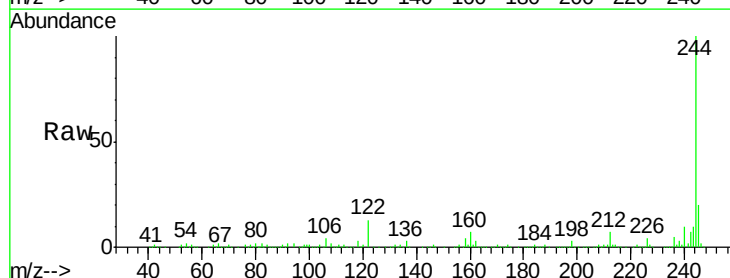
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

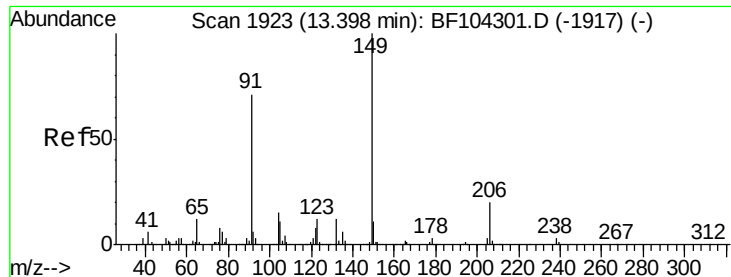
Tot Ion:202 Resp: 577666
 Ion Ratio Lower Upper
 202 100
 200 20.7 17.4 26.2
 203 16.9 14.3 21.5



#78
 Terphenyl-d14
 Concen: 76.570 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF104954.D
 Acq: 1 May 2018 1:40

Tgt Ion:244 Resp: 726798
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 12.8 11.0 16.4

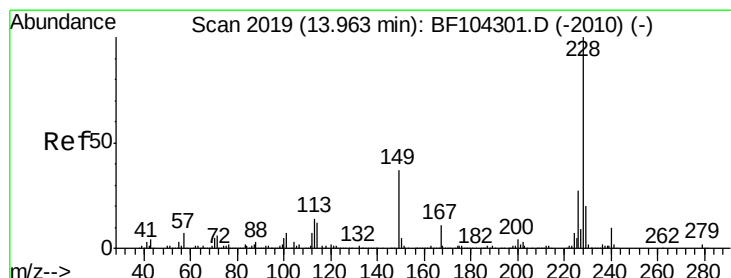
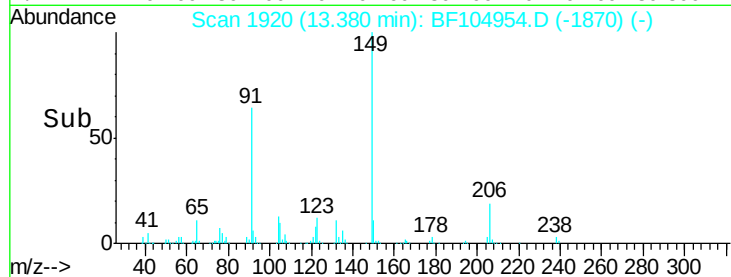
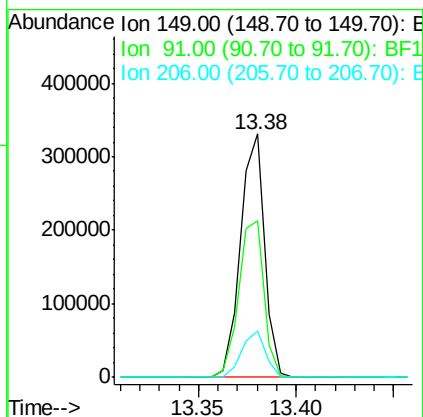
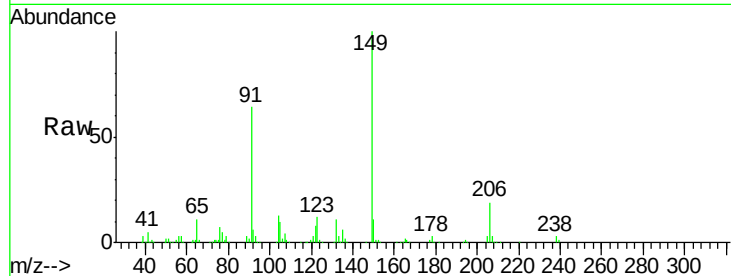




#79
Butylbenzylphthalate
Concen: 37.524 ng
RT: 13.38 min Scan# 1920
Delta R.T. -0.01 min
Lab File: BF104954.D
Acq: 1 May 2018 1:40

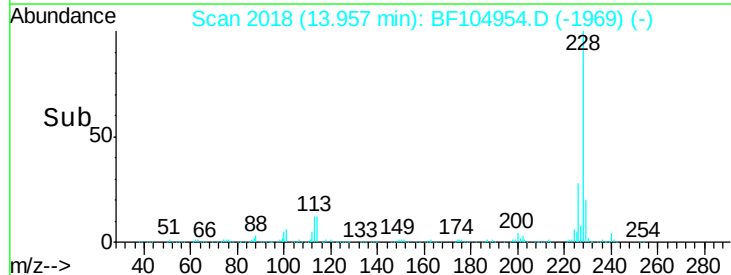
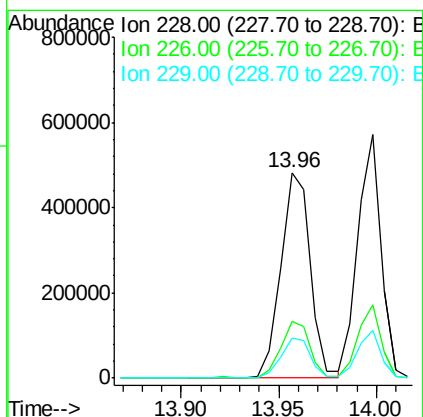
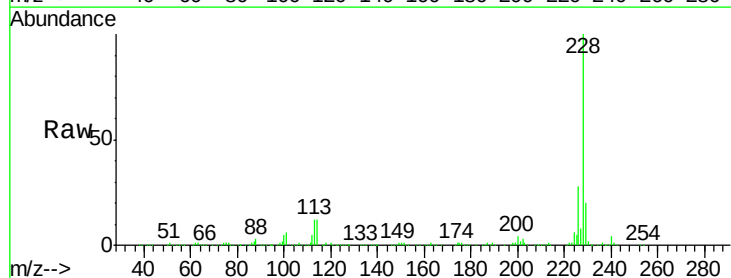
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

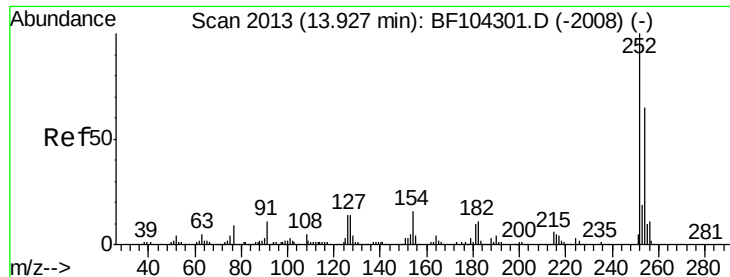
Tot Ion	Ratio	Lower	Upper
149	100		
91	64.1	56.8	85.2
206	19.0	14.1	21.1



#80
Benzo(a)anthracene
Concen: 39.013 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF104954.D
Acq: 1 May 2018 1:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	19.7	15.8	23.6

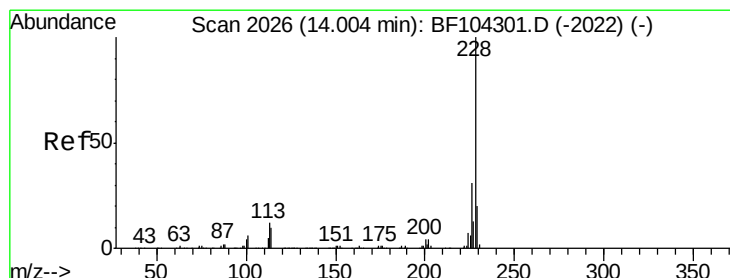
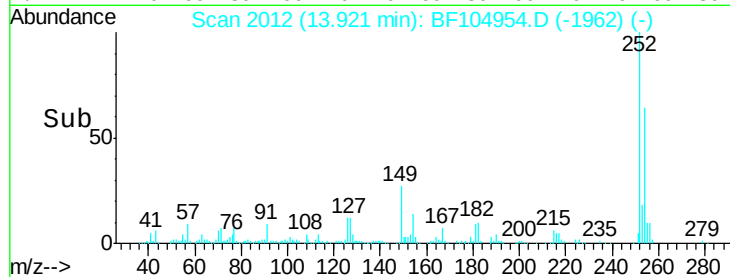
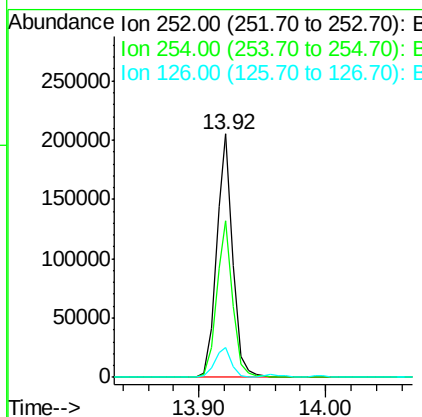
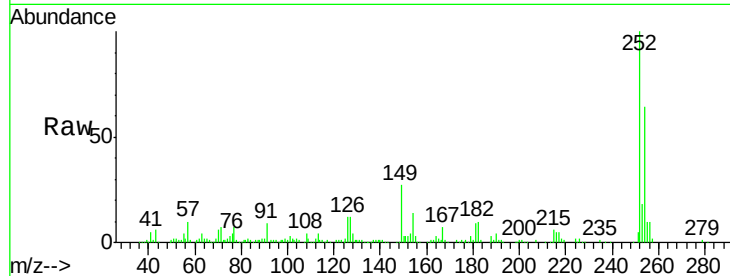




#81
 3,3'-Dichlorobenzidine
 Concen: 38.175 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BF104954.D
 Acq: 1 May 2018 1:40

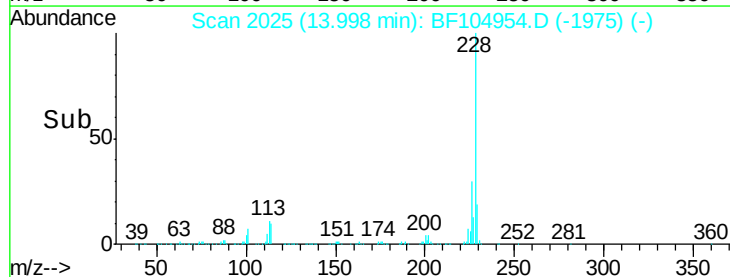
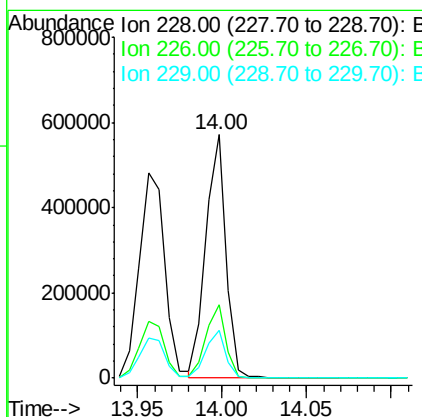
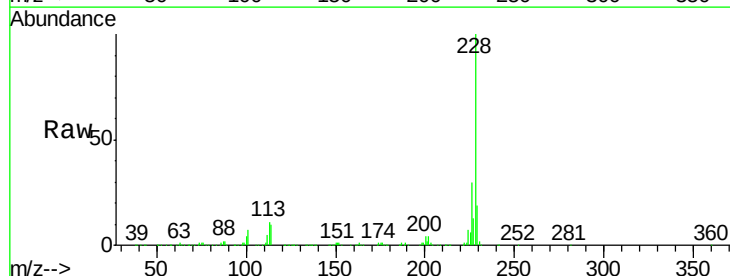
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

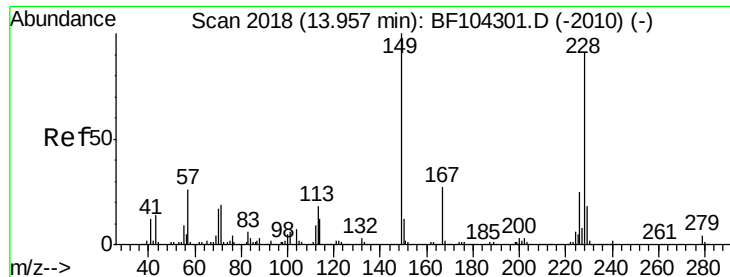
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.2	50.4	75.6
126	12.5	11.3	16.9



#82
 Chrysene
 Concen: 36.042 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF104954.D
 Acq: 1 May 2018 1:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	19.5	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.486 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF104954.D

Acq: 1 May 2018 1:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

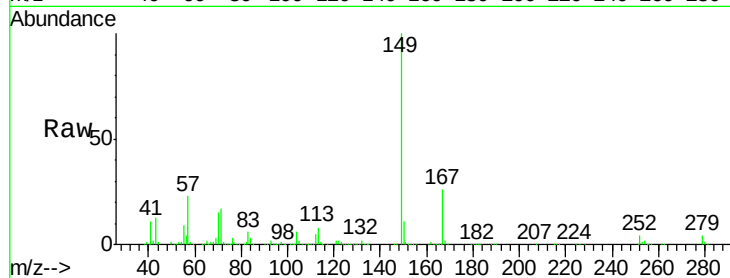
Tot Ion:149 Resp: 393520

Ion Ratio Lower Upper

149 100

167 26.1 21.3 31.9

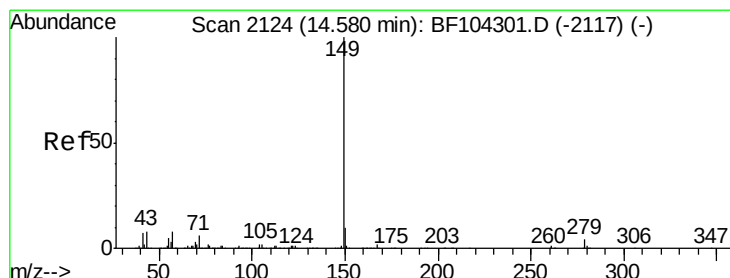
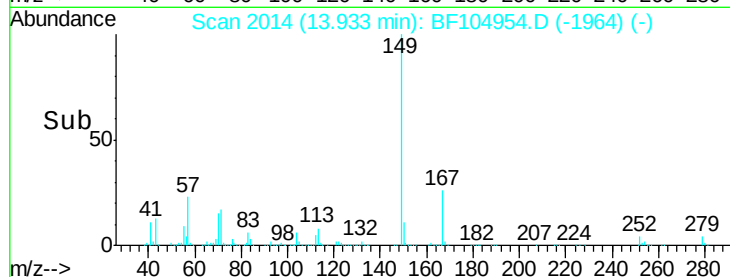
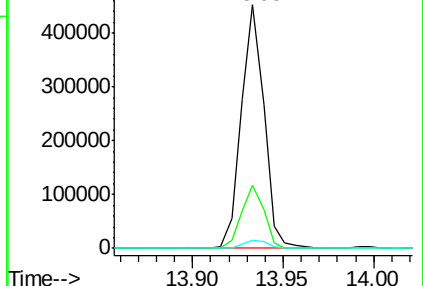
279 3.6 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 37.532 ng

RT: 14.55 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BF104954.D

Acq: 1 May 2018 1:40

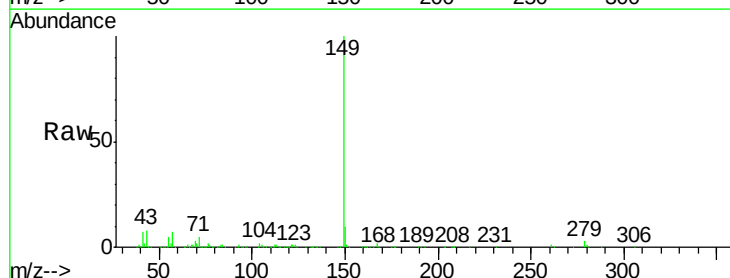
Tgt Ion:149 Resp: 609576

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

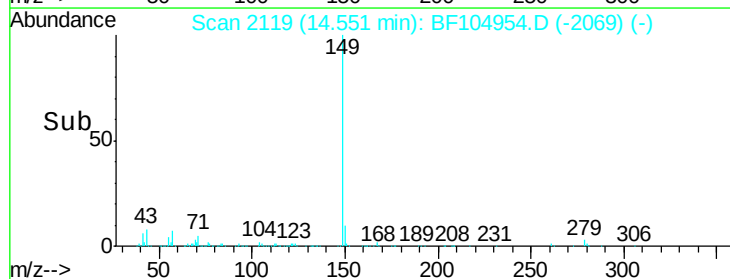
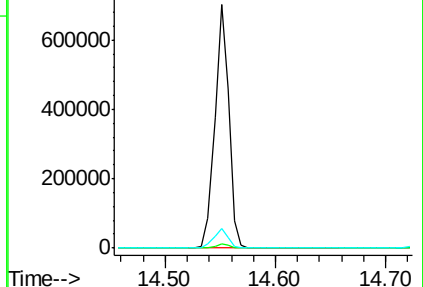
43 7.8 8.4 12.6#

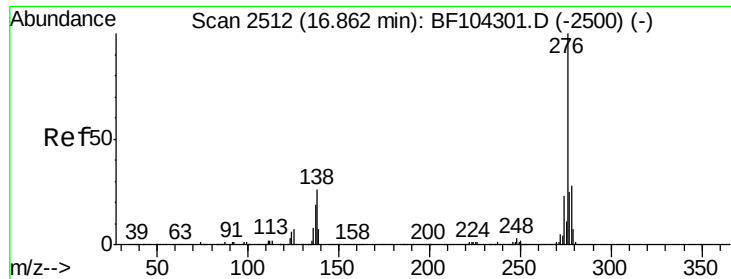


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

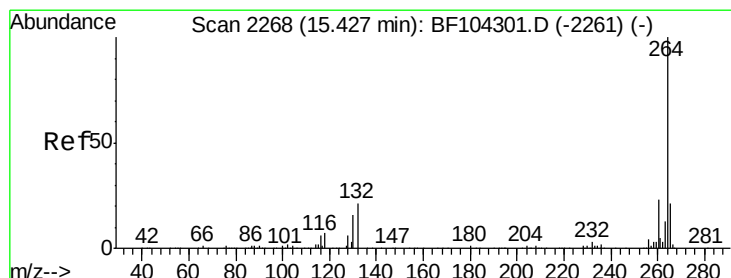
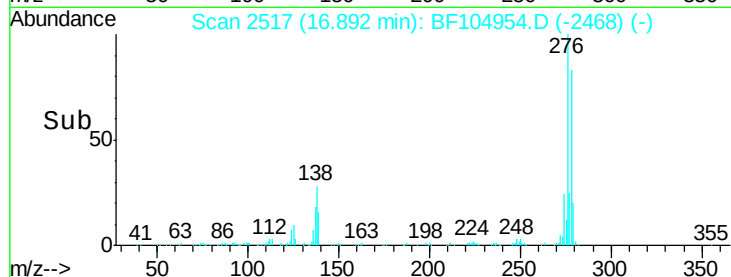
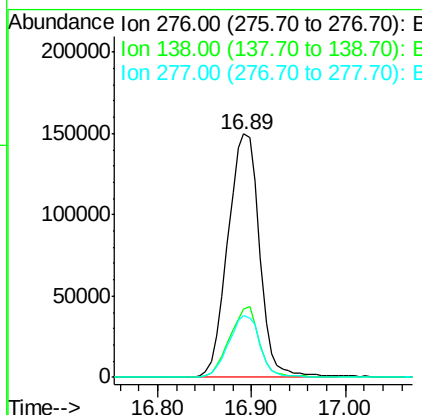
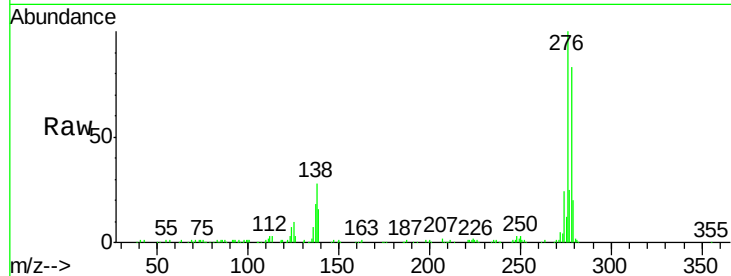




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 31.130 ng
 RT: 16.89 min Scan# 2517
 Delta R.T. -0.01 min
 Lab File: BF104954.D
 Acq: 1 May 2018 1:40

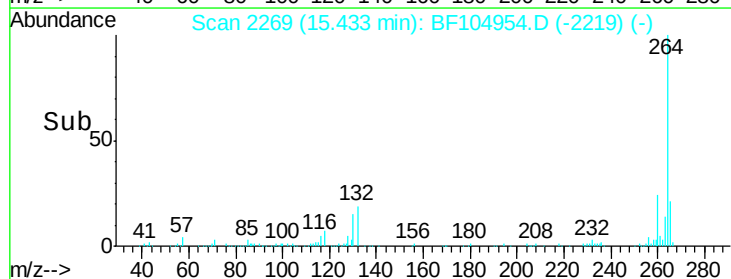
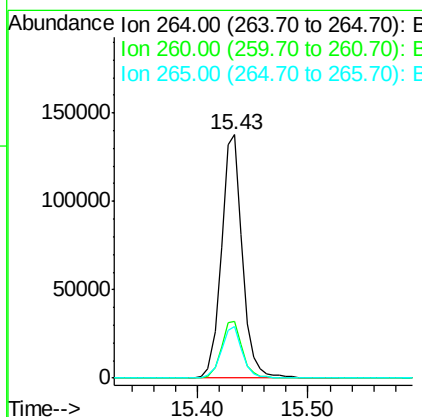
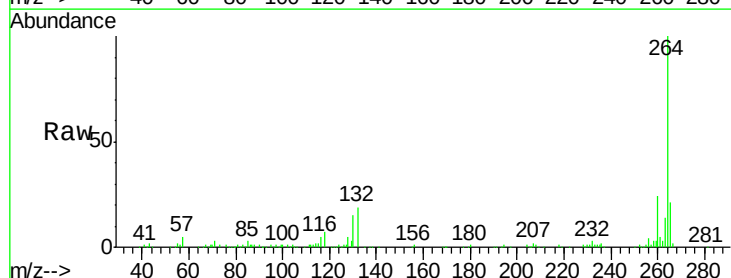
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

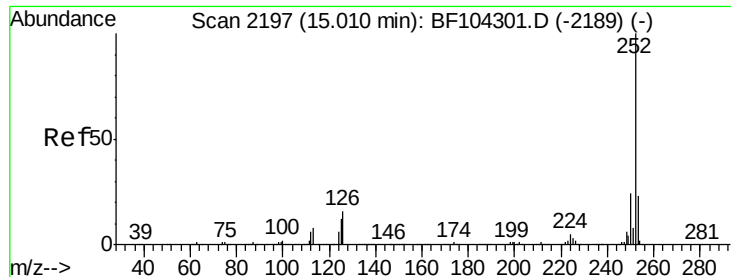
Tot Ion	Ratio	Lower	Upper
276	100		
138	27.3	25.0	37.6
277	25.3	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: BF104954.D
 Acq: 1 May 2018 1:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.4	17.5	26.3

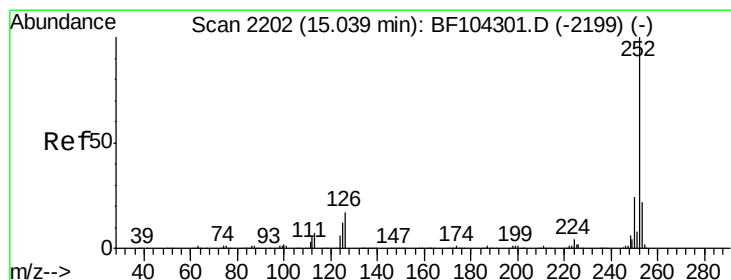
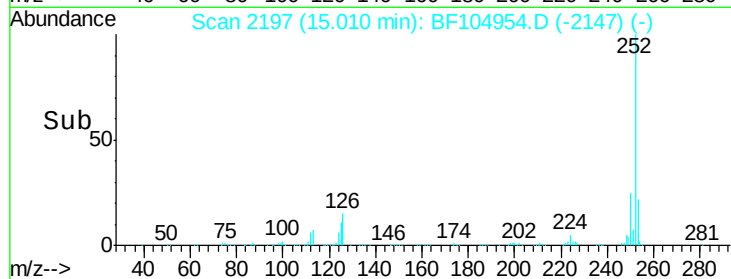
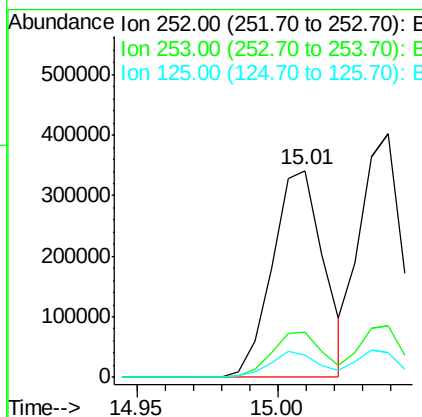
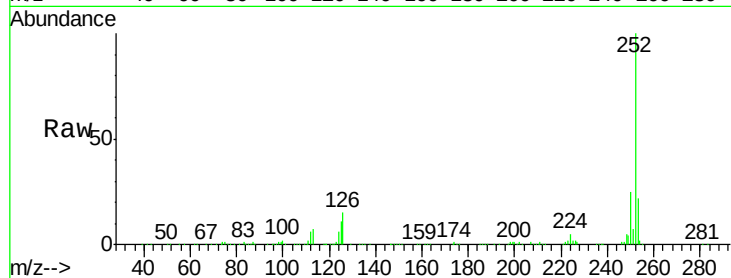




#87
Benzo(b)fluoranthene
Concen: 37.607 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BF104954.D
Acq: 1 May 2018 1:40

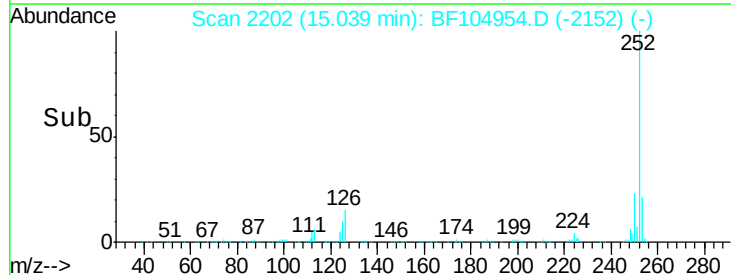
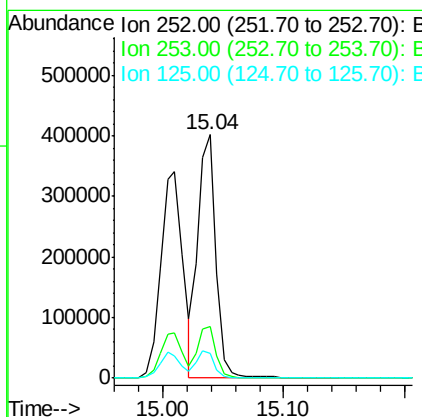
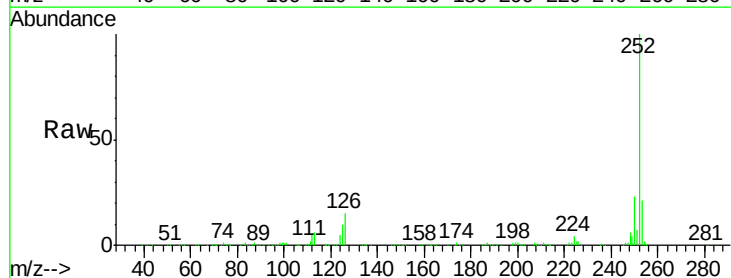
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

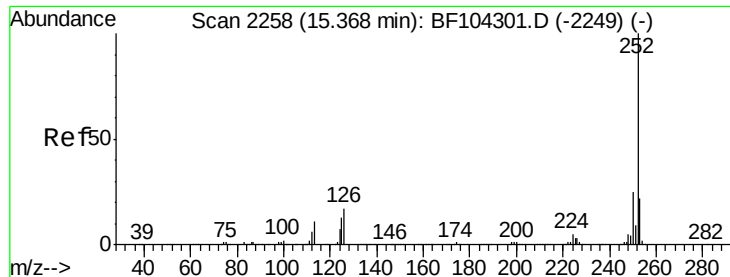
Tot Ion:252 Resp: 431139
Ion Ratio Lower Upper
252 100
253 21.6 17.0 25.6
125 10.9 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 38.643 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF104954.D
Acq: 1 May 2018 1:40

Tgt Ion:252 Resp: 418249
Ion Ratio Lower Upper
252 100
253 21.1 17.9 26.9
125 10.3 10.2 15.2





#89

Benzo(a)pyrene

Concen: 36.863 ng

RT: 15.37 min Scan# 2258

Delta R.T. -0.01 min

Lab File: BF104954.D

Acq: 1 May 2018 1:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

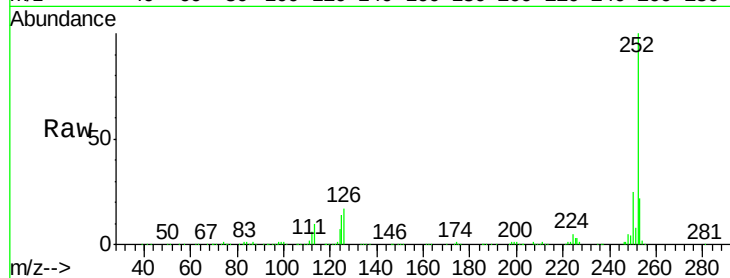
Tot Ion:252 Resp: 378130

Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

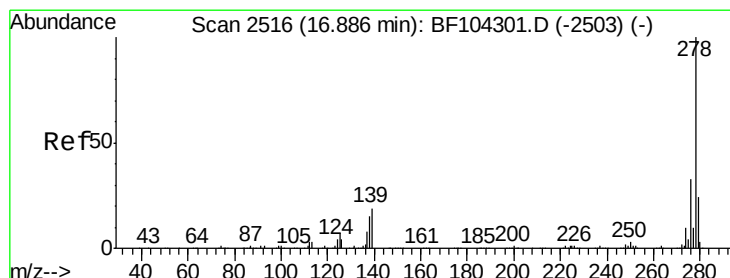
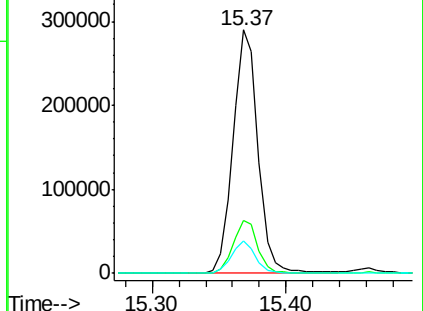
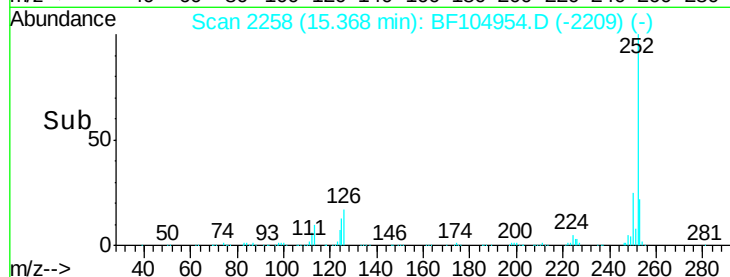
125 13.5 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 35.549 ng

RT: 16.90 min Scan# 2519

Delta R.T. -0.01 min

Lab File: BF104954.D

Acq: 1 May 2018 1:40

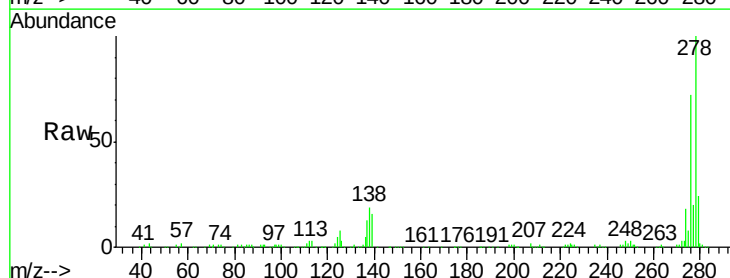
Tgt Ion:278 Resp: 299487

Ion Ratio Lower Upper

278 100

139 16.5 15.9 23.9

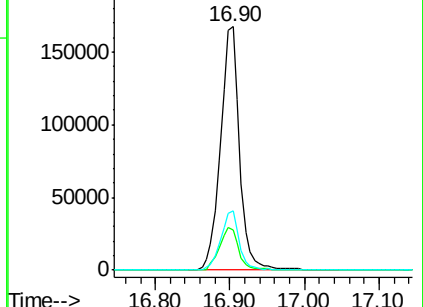
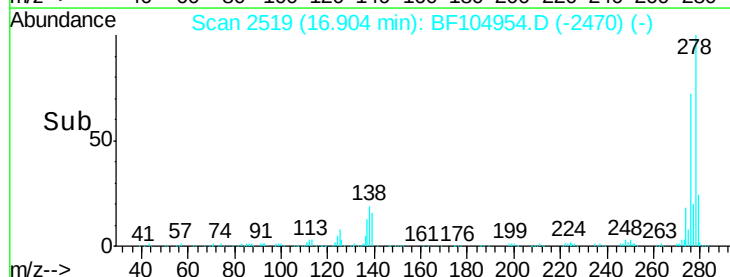
279 24.4 19.0 28.4

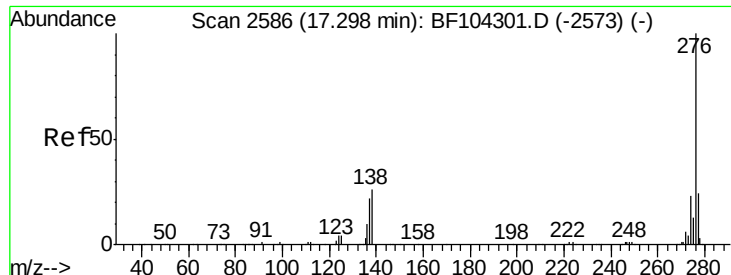


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 34.156 ng

RT: 17.33 min Scan# 2592

Delta R.T. -0.02 min

Lab File: BF104954.D

Acq: 1 May 2018 1:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

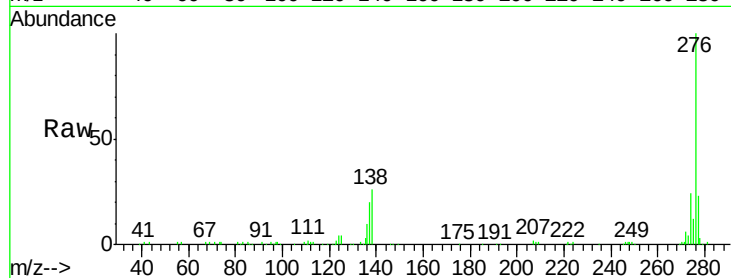
Tot Ion:276 Resp: 278786

Ion Ratio Lower Upper

276 100

277 23.1 17.9 26.9

138 25.7 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

